Apple Accessibility Conformance Report
Based on Voluntary Product Accessibility Template® (VPAT®)

Name of Product: iOS 16 and iPadOS 16

Product Description: A personal mobile device running the iOS 16 and iPadOS 16 operating system.

Date: October 21, 2022

Contact information: accessibility@apple.com

Terms

The terms used in the Conformance Level information are defined as follows:

- **Supports**: The functionality of the product has at least one method that meets the criteria without known defects or meets with equivalent facilitation.
- **Supports with Exceptions**: Some functionality of the product does not meet the criteria.
- **Does Not Support**: Majority of functionality of the product does not meet the criteria.
- **Not Applicable**: The criteria are not relevant to the product.
- **Not Evaluated**: The product has not been evaluated against the criteria. This can be used only with WCAG 2.0 Level AAA.

WCAG 2.0 Report

Table 1: Conformance Criteria, Level A -

Criteria	Conformance Level	Remarks and Explanations
1.1.1 Non-text Content: All non-text content that is presented to the user has a text alternative that serves the equivalent purpose, except in situations listed in WCAG 2.0 1.1.1.	Supports with exceptions	VoiceOver, the screen reader built into iOS, provides audio descriptions for non-text content and images presented to the user. However, some user-generated content images may or may not have text alternatives provided.
1.2.1 Audio-only and Video-only (Prerecorded): For prerecorded audio-only and prerecorded video-only media, the following are true, except when the audio or video is a media alternative for text and is clearly labeled as such: • Prerecorded Audio-only: An alternative for time-based media is provided that presents equivalent information for prerecorded audio-only content. • Prerecorded Video-only: Either an alternative for time-based media or an audio track is provided that presents equivalent information for prerecorded video-only content.	Supports with exceptions	iOS supports the pass-through of closed-captioned video and video descriptions in industry-standard formats. It is up to content producers to follow media best practices for accessibility.

1.2.2 Captions (Prerecorded): Captions are provided for all prerecorded audio content in synchronized media, except when the media is a media alternative for text and is clearly labeled as such.	Supports with exceptions	iOS supports the pass-through of closed-captioned video and video descriptions in industry-standard formats. It is up to content producers to follow media best practices for accessibility.
1.2.3 Audio Description or Media Alternative (Prerecorded): An alternative for time-based media or audio description of the prerecorded video content is provided for synchronized media, except when the media is a media alternative for text and is clearly labeled as such.	Supports with exceptions	iOS supports the pass-through of closed-captioned video and video descriptions in industry-standard formats. It is up to content producers to follow media best practices for accessibility.
1.3.1 Info and Relationships: Information, structure, and relationships conveyed through presentation can be programmatically determined or are available in text.	Supports	
1.3.2 Meaningful Sequence: When the sequence in which content is presented affects its meaning, a correct reading sequence can be programmatically determined.	Supports	

1.3.3 Sensory Characteristics: Instructions provided for understanding and operating content do not rely solely on sensory characteristics of components such as shape, size, visual location, orientation, or sound.	Supports	iOS assistive technologies provide many alternatives for communicating sensory information, including color filters and screen tinting for conveying color information. Users can also increase contrast to help distinguish between foreground and colors. The Accessibility API also allows third-party developers to provide alternative characteristics for components including sound, size, and orientation.
1.4.1 Use of Color: Color is not used as the only visual means of conveying information, indicating an action, prompting a response, or distinguishing a visual element.	Supports with exceptions	iOS provides system-level control of display characteristics that cannot be overridden by applications, including options to: • Switch the display from color to grayscale • Use a display color filter or color tint • Invert light and dark colors displayed on the screen • Differentiate certain elements without color • Increase contrast of elements on the screen •Reduce the transparency of elements on the screen iOS uses color to convey information in On/Off labels, but provides the ability to enable labels in the Accessibility settings. There may be areas in individual apps, such as displaying events in Calendar, that do not provide another means distinguishing a visual element.

1.4.2 Audio Control: If any audio on a Web page plays automatically for more than 3 seconds, either a mechanism is available to pause or stop the audio, or a mechanism is available to control audio volume independently from the overall system volume level.	Supports	
2.1.1 Keyboard: All functionality of the content is operable through a keyboard interface without requiring specific timings for individual keystrokes, except where the underlying function requires input that depends on the path of the user's movement and not just the endpoints.	Supports	
2.1.2 No Keyboard Trap: If keyboard focus can be moved to a component of the page using a keyboard interface, then focus can be moved away from that component using only a keyboard interface, and, if it requires more than unmodified arrow or tab keys or other standard exit methods, the user is advised of the method for moving focus away.	Supports	

2.1.4 Character Key Shortcuts: If a keyboard shortcut is implemented in content using only letter (including upper- and lower-case letters), punctuation, number, or symbol characters, then at least one of the following is true: • Turn off: A mechanism is available to turn the shortcut off; • Remap: A mechanism is available to remap the shortcut to use one or more non-printable keyboard characters (e.g. Ctrl, Alt, etc); • Active only on focus: The keyboard shortcut for a user interface component is only active when that component has focus.		

2.2.1 Timing Adjustable: For each time limit that is set by the content, at least one of the instances in WCAG 2.0 2.2.1 is true. • Turn off: The user is allowed to turn off the time limit before encountering it; or • Adjust: The user is allowed to adjust the time limit before encountering it over a wide range that is at least ten times the length of the default setting; or • Extend: The user is warned before time expires and given at least 20 seconds to extend the time limit with a simple action (for example, "press the space bar"), and the user is allowed to extend the time limit at least ten times; or • Real-time Exception: The time limit is a required part of a real-time event (for example, an auction), and no alternative to the time limit is possible; or • Essential Exception: The time limit is essential and extending it would invalidate the activity; or • 20 Hour Exception: The time limit is longer than 20 hours.	Supports with exceptions	While iOS does allow the user to choose the length of time to authenticate, the timing of Bluetooth pairing sessions is limited by the Bluetooth specification and Bluetooth devices.

2.2.2 Pause, Stop, Hide: For moving, blinking, scrolling, or auto-updating information, all of the following are true: • Moving, blinking, scrolling: For any moving, blinking or scrolling information that (1) starts automatically, (2) lasts more than five seconds, and (3) is presented in parallel with other content, there is a mechanism for the user to pause, stop, or hide it unless the movement, blinking, or scrolling is part of an activity where it is essential; and • Auto-updating: For any auto-updating information that (1) starts automatically and (2) is presented in parallel with other content, there is a mechanism for the user to pause, stop, or hide it or to control the frequency of the update unless the auto-updating is part of an activity where it is essential.	Supports with exceptions	iOS minimizes UI that automatically scrolls, blinks, and moves. The Reduce Motion setting allows users to further disable or reduce additional types of movement. Third-party developers should follow iOS Human Interface Guidelines (HIG) for animation and respect the user's Reduce Motion setting.
2.3.1 Three Flashes or Below Threshold: Web pages do not contain anything that flashes more than three times in any one second period, or the flash is below the general flash and red flash thresholds.	Supports	

2.4.1 Bypass Blocks: A mechanism is available to bypass blocks of content that are repeated on multiple Web pages.	Supports	
2.4.2 Page Titled: Web pages have titles that describe topic or purpose.	Supports	
2.4.3 Focus Order: If a Web page can be navigated sequentially and the navigation sequences affect meaning or operation, focusable components receive focus in an order that preserves meaning and operability.	Supports	
2.4.4 Link Purpose (In Context): The purpose of each link can be determined from the link text alone or from the link text together with its programmatically determined link context, except where the purpose of the link would be ambiguous to users in general.	Supports	

2.5.1 Pointer Gestures: All functionality that uses multipoint or path-based gestures for operation can be operated with a single pointer without a path-based gesture, unless a multipoint or path-based gesture is essential.	Supports	
2.5.2 Pointer Cancellation: For functionality that can be operated using a single pointer, at least one of the following is true: • No Down-Event: The down-event of the pointer is not used to execute any part of the function; • Abort or Undo: Completion of the function is on the up-event, and a mechanism is available to abort the function before completion or to undo the function after completion; • Up Reversal: The up-event reverses any outcome of the preceding down-event; • Essential: Completing the function on the down-event is essential.	Supports	

2.5.3 Label in Name: For user interface components with labels that include text or images of text, the name contains the text that is presented visually.	Supports	
2.5.4 Motion Actuation: Functionality that can be operated by device motion or user motion can also be operated by user interface components and responding to the motion can be disabled to prevent accidental actuation, except when: • Supported Interface: The motion is used to operate functionality through an accessibility supported interface; • Essential: The motion is essential for the function and doing so would invalidate the activity.	Supports	
3.1.1 Language of Page: The default human language of each Web page can be programmatically determined.	Supports	
3.2.1 On Focus: When any component receives focus, it does not initiate a change of context. (Level A)	Supports	

3.2.2 On Input: Changing the setting of any user interface component does not automatically cause a change of context unless the user has been advised of the behavior before using the component.	Supports	
3.3.1 Error Identification: If an input error is automatically detected, the item that is in error is identified and the error is described to the user in text.	Supports	
3.3.2 Labels or Instructions: Labels or instructions are provided when content requires user input.	Supports	
4.1.1 Parsing: In content implemented using markup languages, elements have complete start and end tags, elements are nested according to their specifications, elements do not contain duplicate attributes, and any IDs are unique, except where the specifications allow these features.	Supports	

4.1.2 Name, Role, Value: For all user interface components (including but not limited to: form elements, links and components generated by scripts), the name and role can be programmatically determined; states, properties, and values that can be set by the user can be programmatically set; and notification of changes to these items is available to user agents, including assistive technologies.	Supports		

Table 2: Conformance Criteria, Level AA -

Criteria	Conformance Level	Remarks and Explanations	
1.2.4 Captions (Live): Captions are provided for all live audio content in synchronized media.	Supports		

1.2.5 Audio Description (Prerecorded): Audio description is provided for all prerecorded video content in synchronized media.	Supports		
1.3.4 Orientation: Content does not restrict its view and operation to a single display orientation, such as portrait or landscape, unless a specific display orientation is essential.			
1.3.5 Identify Input Purpose: The purpose of each input field collecting information about the user can be programmatically determined when: • The input field serves a purpose identified in the Input Purposes for User Interface Components section; and • The content is implemented using technologies with support for identifying the expected meaning for form input data.			

1.4.3 Contrast (Minimum): The visual presentation of text and images of text has a contrast ratio of at least 4.5:1, except for the following: • Large Text: Large-scale text and images of large-scale text have a contrast ratio of at least 3:1; • Incidental: Text or images of text that are part of an inactive user interface component, that are pure decoration, that are not visible to anyone, or that are part of a picture that contains significant other visual content, have no contrast requirement. • Logotypes: Text that is part of a logo or brand name has no minimum contrast requirement.	Supports		
1.4.4 Resize text: Except for captions and images of text, text can be resized without assistive technology up to 200 percent without loss of content or functionality.	Supports		

1.4.5 Images of Text: If the technologies being used can achieve the visual presentation, text is used to convey information rather than images of text except for the following: • Customizable: The image of text can be visually customized to the user's requirements; • Essential: A particular presentation of text is essential to the information being conveyed.	Supports		
1.4.10 Reflow: Content can be presented without loss of information or functionality, and without requiring scrolling in two dimensions for: • Vertical scrolling content at a width equivalent to 320 CSS pixels; • Horizontal scrolling content at a height equivalent to 256 CSS pixels. Except for parts of the content which require two-dimensional layout for usage or meaning.			

1.4.11 Non-text Contrast: The visual presentation of the following have a contrast ratio of at least 3:1 against adjacent color(s): • User Interface Components: Visual information required to identify user interface components and states, except for inactive components or where the appearance of the component is determined by the user agent and not modified by the author; • Graphical Objects: Parts of graphics required to understand the content, except when a particular presentation of graphics is essential to the information being conveyed.			

1.4.12 Text Spacing: In content implemented using markup languages that support the following text style properties, no loss of content or functionality occurs by setting all of the following and by changing no other style property: • Line height (line spacing) to at least 1.5 times the font size; • Spacing following paragraphs to at least 2 times the font size; • Letter spacing (tracking) to at least 0.12 times the font size; • Word spacing to at least 0.16 times the font size. Exception: Human languages and scripts that do not make use of one or more of these text style properties in written text can conform using only the properties that exist for that combination of language and script.			

1.4.13 Content on Hover or Focus: Where receiving and then removing pointer hover or keyboard focus triggers additional content to become visible and then hidden, the following are true: • Dismissable: A mechanism is available to dismiss the additional content without moving pointer hover or keyboard focus, unless the additional content communicates an input error or does not obscure or replace other content; • Hoverable: If pointer hover can trigger the additional content, then the pointer can be moved over the additional content without the additional content disappearing; • Persistent: The additional content remains visible until the hover or focus trigger is removed, the user dismisses it, or its information is no longer valid. Exception: The visual presentation of the additional content is controlled by the user agent and is not modified by the author.			

2.4.5 Multiple Ways: More than one way is available to locate a Web page within a set of Web pages except where the Web Page is the result of, or a step in, a process.	Supports		
2.4.6 Headings and Labels: Headings and labels describe topic or purpose.	Supports		
2.4.7 Focus Visible: Any keyboard operable user interface has a mode of operation where the keyboard focus indicator is visible.	Supports		
3.1.2 Language of Parts: The human language of each passage or phrase in the content can be programmatically determined except for proper names, technical terms, words of indeterminate language, and words or phrases that have become part of the vernacular of the immediately surrounding text.	Supports		

3.2.3 Consistent Navigation: Navigational mechanisms that are repeated on multiple Web pages within a set of Web pages occur in the same relative order each time they are repeated, unless a change is initiated by the user.	Supports		
3.2.4 Consistent Identification: Components that have the same functionality within a set of Web pages are identified consistently.	Supports		
3.3.3 Error Suggestion: If an input error is automatically detected and suggestions for correction are known, then the suggestions are provided to the user, unless it would jeopardize the security or purpose of the content.	Supports		

3.3.4 Error Prevention (Legal, Financial, Data): For Web pages that cause legal commitments or financial transactions for the user to occur, that modify or delete user-controllable data in data storage systems, or that submit user test responses, at least one of the following is true: • Reversible: Submissions are reversible. • Checked: Data entered by the user is checked for input errors and the user is provided an opportunity to correct them. • Confirmed: A mechanism is available for reviewing, confirming, and correcting information before finalizing the submission.	Supports		
4.1.3 Status Messages: In content implemented using markup languages, status messages can be programmatically determined through role or properties such that they can be presented to the user by assistive technologies without receiving focus.			

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Chapter 3: Functional Performance Criteria -

Criteria	Conformance Level	Remarks and Explanations
302.1 Without Vision. Where a visual mode of operation is provided, ICT shall provide at least one mode of operation that does not require user vision.	Supports	iOS contains a built-in screen reader called VoiceOver. VoiceOver has many features to accommodate users with no vision. Some of the features include: Support for refreshable braille displays Image/text recognition, Screen Recognition A variety of speech voices/languages. For more information about VoiceOver accessibility features, visit: https://www.apple.com/accessibility/vision/ cell C5

Criteria	Conformance Level	Remarks and Explanations
302.2 With Limited Vision. Where a visual mode of operation is provided, ICT shall provide at least one mode of operation that enables users to make use of limited vision.	Supports	iOS contains many features to accommodate users with limited vision. Some of these features include: Zoom Dynamic Type Magnifier For more information on iOS features for users with limited vision, visit: https://www.apple.com/accessibility/vision/ cell C6

Criteria	Conformance Level	Remarks and Explanations
302.3 Without Perception of Color. Where a visual mode of operation is provided, ICT shall provide at least one visual mode of operation that does not require user perception of color.	Supports with exceptions	iOS uses color to convey information. In many cases, when color is used, it provides an alternative information display that does not rely on color. While color indicates each control's function, each control also has a unique symbol and position that indicates its function without relying on color information. But, there are some visual elements that do not include an alternative information display. iOS also provides system-level control of display characteristics that cannot be overridden by applications, including options to: • Switch the display from color to grayscale. • Invert light and dark colors displayed on the screen. • Differentiate certain elements without color. • Increase contrast of elements on the screen. • Reduce the transparency of elements on the screen. All of these features are accessed through Settings for Accessibility and can be used together in different combinations to suit the user's needs.

Criteria	Conformance Level	Remarks and Explanations
302.4 Without Hearing. Where an audible mode of operation is provided, ICT shall provide at least one mode of operation that does not require user hearing.	Supports	Audio is not required for operation of iOS, however, iOS contains several hearing accommodations such as: Support for closed caption content and subtitles (when available) Live Listen Headphone Accommodations. Live Captions (beta) - can turn audio into text in real-time. They are available for your phone and FaceTime calls, and any media content across apps such as Messages, Podcasts, Safari and third-party applications For more information on hearing accommodations in iOS, visit: https://www.apple.com/accessibility/hearing/, Contains comment cell C9

Criteria	Conformance Level	Remarks and Explanations
302.5 With Limited Hearing. Where an audible mode of operation is provided, ICT shall provide at least one mode of operation that enables users to make use of limited hearing.	Supports	Audio is not required for operation of iOS, however, iOS contains several hearing accommodations such as: Support for closed caption content and subtitles (when available) Live Listen Headphone Accommodations. Live Captions (beta) - can turn audio into text in real-time. They are available for your phone and FaceTime calls, and any media content across apps such as Messages, Podcasts, Safari and third-party applications For more information on hearing accommodations in iOS, visit: https://www.apple.com/accessibility/hearing/, Contains comment cell C9

Criteria	Conformance Level	Remarks and Explanations
302.6 Without Speech. Where speech is used for input, control, or operation, ICT shall provide at least one mode of operation that does not require user speech.	Supports	Column C Speech is not required to operate iOS. However, iOS contains features to accommodate non-verbal users including: Type to Siri Sign Language Prominence in group FaceTime Real Time Text (RTT). For more information on speech accommodations in iOS, visit: https://www.apple.com/accessibility/hearing/, Contains comment

Criteria	Conformance Level	Remarks and Explanations
302.7 With Limited Manipulation. Where a manual mode of operation is provided, ICT shall provide at least one mode of operation that does not require fine motor control or simultaneous manual operations.	Supports	Column C iOS includes a number of Accessibility features to support limited manipulation such as: Voice Control AssistiveTouch Switch Control Touch Accommodations Support for Made for iPhone third-party eye-tracking devices (iPadOS). For more details on motor accommodations in iOS, visit: https://www.apple.com/accessibility/mobility/

Criteria	Conformance Level	Remarks and Explanations
302.8 With Limited Reach and Strength. Where a manual mode of operation is provided, ICT shall provide at least one mode of operation that is operable with limited reach and limited strength.	Supports	Column C iOS includes a number of Accessibility features to support limited reach and strength such as: Voice Control AssistiveTouch Switch Control Touch Accommodations Support for Made for iPhone third-party eye-tracking devices (iPadOS). For more details on motor accommodations in iOS, visit: https://www.apple.com/accessibility/mobility/, Contains 1 link

Criteria	Conformance Level	Remarks and Explanations
302.9 With Limited Language, Cognitive, and Learning Abilities. ICT shall provide features making its use by individuals with limited cognitive, language, and learning abilities simpler and easier.	Supports	iOS contains a number of features to make usage simpler including: Guided Access Siri Dictation Speak Screen/Speak Selection Predictive Text Safari Reader Background sounds For more information on language, cognitive, and learning accommodations in iOS, visit: https://www.apple.com/accessibility/cognitive/ cell C13

Chapter 4: Hardware -

Refer to Hardware VPAT

Refer to Hardware VPAT

Criteria	Conformance Level	Remarks and Explanations
501.1 Scope – Incorporation of WCAG 2.0 AA	See WCAG 2.0 section	See information in WCAG Section
502 Interoperability with Assistive Technology		
502.2.1 User Control of Accessibility Features. Platform software shall provide user control over platform features that are defined in the platform documentation as accessibility features.	Supports	
502.2.2 No Disruption of Accessibility Features. Software shall not disrupt platform features that are defined in the platform documentation as accessibility features.	Supports	
502.3 Accessibility Services		
502.3.1 Object Information. The object role, state(s), properties, boundary, name, and description shall be programmatically determinable.	Supports	

502.3.2 Modification of Object Information. States and properties that can be set by the user shall be capable of being set programmatically, including through assistive technology.	Supports	
502.3.3 Row, Column, and Headers. If an object is in a data table, the occupied rows and columns, and any headers associated with those rows or columns, shall be programmatically determinable.	Supports	
502.3.4 Values. Any current value(s), and any set or range of allowable values associated with an object, shall be programmatically determinable.	Supports	
502.3.5 Modification of Values. Values that can be set by the user shall be capable of being set programmatically, including through assistive technology.	Supports	
502.3.6 Label Relationships. Any relationship that a component has as a label for another component, or of being labeled by another component, shall be programmatically determinable.	Supports	

502.3.7 Hierarchical Relationships. Any hierarchical (parent-child) relationship that a component has as a container for, or being contained by, another component shall be programmatically determinable.	Supports	
502.3.8 Text. The content of text objects, text attributes, and the boundary of text rendered to the screen, shall be programmatically determinable.	Supports	
502.3.9 Modification of Text. Text that can be set by the user shall be capable of being set programmatically, including through assistive technology.	Supports	
502.3.10 List of Actions. A list of all actions that can be executed on an object shall be programmatically determinable.	Supports	
502.3.11 Actions on Objects. Applications shall allow assistive technology to programmatically execute available actions on objects.	Supports	
502.3.12 Focus Cursor. Applications shall expose information and mechanisms necessary to track focus, text insertion point, and selection attributes of user interface components.	Supports	

502.3.13 Modification of Focus Cursor. Focus, text insertion point, and selection attributes that can be set by the user shall be capable of being set programmatically, including through the use of assistive technology.	Supports	
502.3.14 Event Notification. Notification of events relevant to user interactions, including but not limited to, changes in the component's state(s), value, name, description, or boundary, shall be available to assistive technology.	Supports	

502.4 Platform Accessibility Features. Platforms and platform software shall conform to the requirements in ANSI/HFES 200.2, Human Factors Engineering of Software User Interfaces — Part 2: Accessibility (2008) (incorporated by reference, see 702.4.1) listed below: A. Section 9.3.3 Enable sequential entry of multiple (chorded) keystrokes; B. Section 9.3.4 Provide adjustment of delay before key acceptance; C. Section 9.3.5 Provide adjustment of same-key double-strike acceptance; D. Section 10.6.7 Allow users to choose visual alternative for audio output; E. Section 10.6.8 Synchronize audio equivalents for visual events; F. Section 10.6.9 Provide speech output services; and G. Section 10.7.1 Display any captions provided.	Supports	
503 Applications		
503.2 User Preferences. Applications shall permit user preferences from platform settings for color, contrast, font type, font size, and focus cursor.	Supports	

503.3 Alternative User Interfaces. Where an application provides an alternative user interface that functions as assistive technology, the application shall use platform and other industry standard accessibility services.	Supports	
503.4 User Controls for Captions and Audio Description.		
503.4.1 Caption Controls. Where user controls are provided for volume adjustment, ICT shall provide user controls for the selection of captions at the same menu level as the user controls for volume or program selection.	Supports	
503.4.2 Audio Description Controls. Where user controls are provided for program selection, ICT shall provide user controls for the selection of audio descriptions at the same menu level as the user controls for volume or program selection.	Supports	
504 Authoring Tools		

504.2 Content Creation or Editing. Authoring tools shall provide a mode of operation to create or edit content that conforms to Level A and Level AA Success Criteria and Conformance Requirements in WCAG 2.0 (incorporated by reference, see 702.10.1) for all supported features and, as applicable, to file formats supported by the authoring tool. Authoring tools shall permit authors the option of overriding information required for accessibility.	See WCAG 2.0 section	See information in WCAG Section
504.2.1 Preservation of Information Provided for Accessibility in Format Conversion. Authoring tools shall, when converting content from one format to another or saving content in multiple formats, preserve the information required for accessibility to the extent that the information is supported by the destination format.	Supports with exceptions	Not all authoring tools support preservation of accessibility information when converting content or saving in multiple formats.
504.2.2 PDF Export. Authoring tools capable of exporting PDF files that conform to ISO 32000-1:2008 (PDF 1.7) shall also be capable of exporting PDF files that conform to ANSI/AIIM/ISO 14289-1:2016 (PDF/UA-1) (incorporated by reference, see 702.3.1).	Does not Support	

504.3 Prompts. Authoring tools shall provide a mode of operation that prompts authors to create content that conforms to Level A and Level AA Success Criteria and Conformance Requirements in WCAG 2.0 (incorporated by reference, see 702.10.1) for supported features and, as applicable, to file formats supported by the authoring tool.	Does not Support	
504.4 Templates. Where templates are provided, templates allowing content creation that conforms to Level A and Level AA Success Criteria and Conformance Requirements in WCAG 2.0 (incorporated by reference, see 702.10.1) shall be provided for a range of template uses for supported features and, as applicable, to file formats supported by the authoring tool.	Does not Support	

Chapter 5: Software -

Criteria	Conformance Level	Remarks and Explanations
501.1 Scope – Incorporation of WCAG 2.0 AA	See WCAG 2.0 section	See information in WCAG Section
502 Interoperability with Assistive Technology		
502.2.1 User Control of Accessibility Features. Platform software shall provide user control over platform features that are defined in the platform documentation as accessibility features.	Supports	Accessibility features can be controlled within Settings or via the user configured Accessibility Shortcuts.
502.2.2 No Disruption of Accessibility Features. Software shall not disrupt platform features that are defined in the platform documentation as accessibility features.	Supports	iOS includes an accessibility API that enables applications to interact with assistive technologies without disrupting the system or each other. Details of the Accessibility API are available on the Apple Developer web site: https://developer.apple.com/accessibility/
502.3 Accessibility Services		
502.3.1 Object Information. The object role, state(s), properties, boundary, name, and description shall be programmatically determinable.	Supports	
502.3.2 Modification of Object Information. States and properties that can be set by the user shall be capable of being set programmatically, including through assistive technology.	Supports	

502.3.3 Row, Column, and Headers. If an object is in a data table, the occupied rows and columns, and any headers associated with those rows or columns, shall be programmatically determinable.	Supports	
502.3.4 Values. Any current value(s), and any set or range of allowable values associated with an object, shall be programmatically determinable.	Supports	
502.3.5 Modification of Values. Values that can be set by the user shall be capable of being set programmatically, including through assistive technology.	Supports	
502.3.6 Label Relationships. Any relationship that a component has as a label for another component, or of being labeled by another component, shall be programmatically determinable.	Supports	Accessibility honors the labels set programmatically by the developer.
502.3.7 Hierarchical Relationships. Any hierarchical (parent-child) relationship that a component has as a container for, or being contained by, another component shall be programmatically determinable.	Supports	

502.3.8 Text. The content of text objects, text attributes, and the boundary of text rendered to the screen, shall be programmatically determinable.	Supports	
502.3.9 Modification of Text. Text that can be set by the user shall be capable of being set programmatically, including through assistive technology.	Supports	
502.3.10 List of Actions. A list of all actions that can be executed on an object shall be programmatically determinable.	Supports	
502.3.11 Actions on Objects. Applications shall allow assistive technology to programmatically execute available actions on objects.	Supports	
502.3.12 Focus Cursor. Applications shall expose information and mechanisms necessary to track focus, text insertion point, and selection attributes of user interface components.	Supports	
502.3.13 Modification of Focus Cursor. Focus, text insertion point, and selection attributes that can be set by the user shall be capable of being set programmatically, including through the use of assistive technology.	Supports	

502.3.14 Event Notification. Notification of events relevant to user interactions, including but not limited to, changes in the component's state(s), value, name, description, or boundary, shall be available to assistive technology.	Supports	
502.4 Platform Accessibility Features. Platforms and platform software shall conform to the requirements in ANSI/HFES 200.2, Human Factors Engineering of Software User Interfaces — Part 2: Accessibility (2008) (incorporated by reference, see 702.4.1) listed below: A. Section 9.3.3 Enable sequential entry of multiple (chorded) keystrokes; B. Section 9.3.4 Provide adjustment of delay before key acceptance; C. Section 9.3.5 Provide adjustment of same-key double-strike acceptance; D. Section 10.6.7 Allow users to choose visual alternative for audio output; E. Section 10.6.8 Synchronize audio equivalents for visual events; F. Section 10.6.9 Provide speech output services; and G. Section 10.7.1 Display any captions provided.	Supports	iOS provides Accessibility settings for modifying the mentioned options, such as Key Repeat, speech output, and alternative for speech feedback.
503 Applications		

503.2 User Preferences. Applications shall permit user preferences from platform settings for color, contrast, font type, font size, and focus cursor.	Supports	iOS provides system-level control of display characteristics that cannot be overridden by applications, including: • Users can invert the light and dark colors displayed on the screen. • Users can switch the display from color to grayscale. • Users can choose from a variety of filters and tints and customize intensity • Users can reduce transparency to increase legibility. • Users can reduce the white point to decrease the intensity of bright colors. • Users can magnify the screen, including dynamically changing content like movies. (See section 1194.31(b) for more information about Zoom). All of these features are accessed through the Accessibility settings and can be used together in different combinations to suit the user's needs.
503.3 Alternative User Interfaces. Where an application provides an alternative user interface that functions as assistive technology, the application shall use platform and other industry standard accessibility services.	Supports	iOS includes an accessibility API that enables applications to interact with assistive technologies without disrupting the system or each other. Details of the Accessibility API are available on the Apple Developer web site: https://developer.apple.com/accessibility/
503.4 User Controls for Captions and Audio Description.		

503.4.1 Caption Controls. Where user controls are provided for volume adjustment, ICT shall provide user controls for the selection of captions at the same menu level as the user controls for volume or program selection.	Supports	iOS supports system-side platform settings for captions
503.4.2 Audio Description Controls. Where user controls are provided for program selection, ICT shall provide user controls for the selection of audio descriptions at the same menu level as the user controls for volume or program selection.	Supports	iOS supports system-side platform settings for audio descriptions
504 Authoring Tools		
504.2 Content Creation or Editing. Authoring tools shall provide a mode of operation to create or edit content that conforms to Level A and Level AA Success Criteria and Conformance Requirements in WCAG 2.0 (incorporated by reference, see 702.10.1) for all supported features and, as applicable, to file formats supported by the authoring tool. Authoring tools shall permit authors the option of overriding information required for accessibility.	See WCAG 2.0 section	See information in WCAG Section

504.2.1 Preservation of Information Provided for Accessibility in Format Conversion. Authoring tools shall, when converting content from one format to another or saving content in multiple formats, preserve the information required for accessibility to the extent that the information is supported by the destination format.	Supports with exceptions	Not all authoring tools support preservation of accessibility information when converting content or saving in multiple formats.
504.2.2 PDF Export. Authoring tools capable of exporting PDF files that conform to ISO 32000-1:2008 (PDF 1.7) shall also be capable of exporting PDF files that conform to ANSI/AIIM/ISO 14289-1:2016 (PDF/UA-1) (incorporated by reference, see 702.3.1).	Does not Support	
504.3 Prompts. Authoring tools shall provide a mode of operation that prompts authors to create content that conforms to Level A and Level AA Success Criteria and Conformance Requirements in WCAG 2.0 (incorporated by reference, see 702.10.1) for supported features and, as applicable, to file formats supported by the authoring tool.	Does not Support	

504.4 Templates. Where templates are provided, templates allowing content creation that conforms to Level A and Level AA Success Criteria and Conformance Requirements in WCAG 2.0 (incorporated by reference, see 702.10.1) shall be provided for a range of template uses for supported features and, as applicable, to file formats supported by the authoring tool.	Does not Support	

Chapter 6: Support Documentation and Services -

Criteria	Conformance Level	Remarks and Explanations
601.1 Scope		
602 Support Documentation		

Criteria	Conformance Level	Remarks and Explanations
602.2 Accessibility and Compatibility Features. Documentation shall list and explain how to use the accessibility and compatibility features required by Chapters 4 and 5. Documentation shall include accessibility features that are built-in and accessibility features that provide compatibility with assistive technology.	Supports	iPhone product documentation is available online in an accessible HTML format through: • Apple Support at https://www.apple.com/support • iPhone new release page at https://www.apple.com/iphone/ • Accessibility product page at https://www.apple.com/accessibility/iphone/ VPATs for Apple products are available at https://support.apple.com/accessibility/vpat.
602.3 Electronic Support Documentation. Documentation in electronic format, including Web-based self-service support, shall conform to Level A and Level AA Success Criteria and Conformance Requirements in WCAG 2.0 (incorporated by reference, see 702.10.1).	See WCAG 2.0 section	The electronic web-based product documentation for iOS conforms to both Level A and Level AA Success Criteria and Conformance Requirements in WCAG 2.0.
602.4 Alternate Formats for Non-Electronic Support Documentation. Where support documentation is only provided in non-electronic formats, alternate formats usable by individuals with disabilities shall be provided upon request.	Supports	Product documentation is available in embossed braille via third party provider.
603 Support Services		

Criteria	Conformance Level	Remarks and Explanations
603.2 Information on Accessibility and Compatibility Features. ICT support services shall include information on the accessibility and compatibility features required by 602.2.	Supports	Apple Support provides advisors with information on accessibility and compatibility features for iOS. This information is also documented in the product documentation.
603.3 Accommodation of Communication Needs. Support services shall be provided directly to the user or through a referral to a point of contact. Such ICT support services shall accommodate the communication needs of individuals with disabilities.	Supports	Support via the Internet is available through the Apple Knowledge base at http://www.apple.com/support. For additional information on the many service and support options offered by Apple visit www.apple.com/support.

Legal Disclaimer:

Some features described in this document are not available in all areas, may be subject to additional fees or payments, and may be dependent on your cellular carrier network policies and wireless service plan, including, for example, 5G, LTE and FaceTime over cellular.

iPhone includes iOS 16, Lightning to USB Cable. Other accessories or products mentioned in this document (e.g., assistive devices, styluses, hearing aids, adapters, hearing aids, and so on) are sold separately by Apple and/or third parties.

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