

# Google Calendar Accessibility Conformance Report

## Revised Section 508 Edition

VPAT®<sup>1</sup> Version 2.2 – July 2018

**Name of Product/Version:** Google Calendar

**Product Description:** Google Calendar is a web app which allows users to create, edit, and utilize events and appointment calendars.

**Date:** 6/22/2020

**Contact information:** apps-accessibility@google.com

**Evaluation Methods Used:** Manual testing and automated tools where applicable.

**Applicable Standards/Guidelines:**

This report covers the degree of conformance for the following accessibility standard/guidelines:

Standard/Guideline	Included In Report
Web Content Accessibility Guidelines 2.0, at <a href="http://www.w3.org/TR/2008/REC-WCAG20-20081211/">http://www.w3.org/TR/2008/REC-WCAG20-20081211/</a>	Level A (Yes) Level AA (Yes) Level AAA (No)

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<sup>1</sup> “Voluntary Product Accessibility Template” and “VPAT” are registered service marks of the Information Technology Industry Council (ITI)

Standard/Guideline	Included In Report
<p><a href="#">Revised Section 508 standards</a> as published by the U.S. Access Board in the Federal Register on January 18, 2017</p> <p><a href="#">Corrections to the ICT Final Rule</a> as published by the US Access Board in the Federal Register on January 22, 2018</p>	(Yes)

## 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 criterion without known defects or meets with equivalent facilitation.
- **Partially Supports:** Some functionality of the product does not meet the criterion.
- **Does Not Support:** The majority of product functionality does not meet the criterion.
- **Not Applicable:** The criterion is not relevant to the product.
- **Not Evaluated:** The product has not been evaluated against the criterion. This can be used only in WCAG 2.0 Level AAA.

## WCAG 2.0 Report

Tables 1 and 2 also document conformance with:

- Chapter 5 – 501.1 Scope, 504.2 Content Creation or Editing
- Chapter 6 – 602.3 Electronic Support Documentation

Note: When reporting on conformance with the WCAG 2.0 Success Criteria, they are scoped for full pages, complete processes, and accessibility-supported ways of using technology as documented in the [WCAG 2.0 Conformance Requirements](#).

**Table 1: Success Criteria, Level A**

Notes:

<b>Criteria</b>	<b>Conformance Level</b>	<b>Remarks and Explanations</b>
<a href="#"><u>1.1.1 Non-text Content</u></a>	Supports	The Google Calendar web application has properly labelled and tagged non-text elements.
<a href="#"><u>1.2.1 Audio-only and Video-only (Prerecorded)</u></a>	Not Applicable	The Google Calendar web application does not have pre-recorded audio-only or pre-recorded video-only media.
<a href="#"><u>1.2.2 Captions (Prerecorded)</u></a>	Not Applicable	The Google Calendar web application does not have pre-recorded audio content.
<a href="#"><u>1.2.3 Audio Description or Media Alternative (Prerecorded)</u></a>	Not Applicable	The Google Calendar web application does not have pre-recorded video content.
<a href="#"><u>1.3.1 Info and Relationships</u></a>	Supports	The Google Calendar web application is implemented in a way that proper relationships and information are provided to the user.
<a href="#"><u>1.3.2 Meaningful Sequence</u></a>	Supports	The correct reading sequence is meaningful throughout the Google Calendar web application.
<a href="#"><u>1.3.3 Sensory Characteristics</u></a>	Supports	The Google Calendar web application does not rely on sensory characteristics to convey meaning or status.

Criteria	Conformance Level	Remarks and Explanations
<a href="#">1.4.1 Use of Color</a>	Supports	The Google Calendar web application provides alternatives to the use of color to indicate a status including text and audio clues.
<a href="#">1.4.2 Audio Control</a>	Not Applicable	The Google Calendar web application does not include any automatically playing audio content.
<a href="#">2.1.1 Keyboard</a>	Partially Supports	<p>All functionality is operable using the keyboard-alone in the Google Calendar web application with some exceptions, including:</p> <ul style="list-style-type: none"> <li>● The page title of "calendar" is not focusable.</li> <li>● Only one of the calendar checkboxes in the side menu are in the tab order</li> </ul>
<a href="#">2.1.2 No Keyboard Trap</a>	Supports	The Google Calendar web application does not cause a keyboard trap.
<a href="#">2.2.1 Timing Adjustable</a>	Not Applicable	The Google Calendar web application does not include content with a timeout.
<a href="#">2.2.2 Pause, Stop, Hide</a>	Not Applicable	The Google Calendar web application does not have content that blinks, scrolls, or updates regularly.
<a href="#">2.3.1 Three Flashes or Below Threshold</a>	Not Applicable	The Google Calendar web application does not have flashing content.

Criteria	Conformance Level	Remarks and Explanations
<a href="#">2.4.1 Bypass Blocks</a>	Supports	Google Calendar web application provides bypass blocks for skipping to the main content.
<a href="#">2.4.3 Focus Order</a>	Partially Supports	<p>The Google Calendar web application has a meaningful focus order, with some exceptions:</p> <ul style="list-style-type: none"> <li>● There are places where focus order does not follow the reading or viewing order, and other places where focus is moved unexpectedly.</li> </ul>
<a href="#">2.4.4 Link Purpose (In Context)</a>	Supports	The Google Calendar web application has meaningful link phrases.
<a href="#">3.1.1 Language of Page</a>	Supports	The language of pages in the Google Calendar web application was identifiable by the screen reader.
<a href="#">3.2.1 On Focus</a>	Supports	The Google Calendar web application does not cause a change of context on focus.
<a href="#">3.2.2 On Input</a>	Partially Supports	<p>The Google Calendar web application does not perform unexpected actions, with one exception:</p> <ul style="list-style-type: none"> <li>● Some controls within the Google Calendar web application, when activated, move focus unexpectedly to other locations within the same web page.</li> </ul>

Criteria	Conformance Level	Remarks and Explanations
<a href="#">3.3.1 Error Identification</a>	Supports	Errors are properly identified and conveyed when encountered within the Google Calendar web application.
<a href="#">3.3.2 Labels or Instructions</a>	Supports	Controls and forms are properly labelled and have necessary instructions throughout the Google Calendar web application.
<a href="#">4.1.1 Parsing</a>	Supports	The Google Calendar web application properly uses HTML, CSS and ARIA attributes.
<a href="#">4.1.2 Name, Role, Value</a>	Partially Supports	<p>The Google Calendar web application provides the correct name, role, state, and other important accessibility information for user interface components, with some exceptions:</p> <ul style="list-style-type: none"> <li>● Some controls are using incorrect roles, including a list box or dropdown that is identified as only a button.</li> </ul>

**Table 2: Success Criteria, Level AA**

Notes:

<b>Criteria</b>	<b>Conformance Level</b>	<b>Remarks and Explanations</b>
<a href="#"><u>1.2.4 Captions (Live)</u></a>	Not Applicable	Google Calendar web application does not have audio or video content
<a href="#"><u>1.2.5 Audio Description (Prerecorded)</u></a>	Not Applicable	Google Calendar web application does not have audio or video content
<a href="#"><u>1.4.3 Contrast (Minimum)</u></a>	Supports	The Google Calendar web application has sufficient contrast between the foreground and background colors.
<a href="#"><u>1.4.4 Resize text</u></a>	Supports	Text can be resized within the Google Calendar web application to proper levels without loss of content.
<a href="#"><u>1.4.5 Images of Text</u></a>	Not Applicable	The Google Calendar web application does not contain images of text.
<a href="#"><u>2.4.5 Multiple Ways</u></a>	Supports	The Google Calendar web application provides multiple ways to navigate to or accomplish essential tasks.
<a href="#"><u>2.4.6 Headings and Labels</u></a>	Supports	Headings and labels are properly applied or provided for page sections and controls throughout the Google Calendar web application.

Criteria	Conformance Level	Remarks and Explanations
<a href="#">2.4.7 Focus Visible</a>	Supports	The Google Calendar web application has visible focus indicators throughout the entire application.
<a href="#">3.1.2 Language of Parts</a>	Not Applicable	The Google Calendar web application does not include passages or phrases in a language other than the main language of the page.
<a href="#">3.2.3 Consistent Navigation</a>	Partially Supports	<p>The controls within the Google Calendar web application navigate consistently, with some exceptions:</p> <ul style="list-style-type: none"> <li>● For some controls the focus order or expected behavior do not match other controls.</li> </ul>
<a href="#">3.2.4 Consistent Identification</a>	Supports	Controls within the Google Calendar web application are consistently identified with the same roles and functionality.
<a href="#">3.3.3 Error Suggestion</a>	Supports	No content that required error suggestion was encountered within the Google Calendar web application.
<a href="#">3.3.4 Error Prevention (Legal, Financial, Data)</a>	Not Applicable	Use of the Google Calendar web application does not inherently cause legal commitments or financial transactions to occur.



### Table 3: Success Criteria, Level AAA

Notes: All AAA criteria were not tested

Criteria	Conformance Level	Remarks and Explanations
<a href="#"><u>1.2.6 Sign Language (Prerecorded)</u></a>	Not Applicable	
<a href="#"><u>1.2.7 Extended Audio Description (Prerecorded)</u></a>	Not Applicable	
<a href="#"><u>1.2.8 Media Alternative (Prerecorded)</u></a>	Not Applicable	
<a href="#"><u>1.2.9 Audio-only (Live)</u></a>	Not Applicable	
<a href="#"><u>1.4.6 Contrast Enhanced</u></a>	Not Applicable	
<a href="#"><u>1.4.7 Low or No Background Audio</u></a>	Not Applicable	
<a href="#"><u>1.4.8 Visual Presentation</u></a>	Not Applicable	
<a href="#"><u>1.4.9 Images of Text (No Exception) Control</u></a>	Not Applicable	
<a href="#"><u>2.1.3 Keyboard (No Exception)</u></a>	Not Applicable	
<a href="#"><u>2.2.3 No Timing</u></a>	Not Applicable	
<a href="#"><u>2.2.4 Interruptions</u></a>	Not Applicable	
<a href="#"><u>2.2.5 Re-authenticating</u></a>	Not Applicable	
<a href="#"><u>2.3.2 Three Flashes</u></a>	Not Applicable	
<a href="#"><u>2.4.8 Location</u></a>	Not Applicable	

Criteria	Conformance Level	Remarks and Explanations
<a href="#"><u>2.4.9 Link Purpose (Link Only)</u></a>	Not Applicable	
<a href="#"><u>2.4.10 Section Headings</u></a>	Not Applicable	
<a href="#"><u>3.1.3 Unusual Words</u></a>	Not Applicable	
<a href="#"><u>3.1.4 Abbreviations</u></a>	Not Applicable	
<a href="#"><u>3.1.5 Reading Level</u></a>	Not Applicable	
<a href="#"><u>3.1.6 Pronunciation</u></a>	Not Applicable	
<a href="#"><u>3.2.5 Change on Request</u></a>	Not Applicable	
<a href="#"><u>3.3.5 Help</u></a>	Not Applicable	
<a href="#"><u>3.3.6 Error Prevention (All)</u></a>	Not Applicable	

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## Chapter 3: Functional Performance Criteria (FPC)

Notes: Not applicable to the web application per scoping requirements in Chapter 2.

Criteria	Conformance Level	Remarks and Explanations
302.1 Without Vision	Not Applicable	
302.2 With Limited Vision	Not Applicable	
302.3 Without Perception of Color	Not Applicable	
302.4 Without Hearing	Not Applicable	
302.5 With Limited Hearing	Not Applicable	
302.6 Without Speech	Not Applicable	
302.7 With Limited Manipulation	Not Applicable	
302.8 With Limited Reach and Strength	Not Applicable	
302.9 With Limited Language, Cognitive, and Learning Abilities	Not Applicable	

## Chapter 4: Hardware

Notes: The hardware section is not applicable to this VPAT as the content is relevant only to web applications.

Criteria	Conformance Level	Remarks and Explanations
402 Closed Functionality	Heading cell – no response required	Heading cell – no response required
<b>402.1 General</b>	Heading cell – no response required	Heading cell – no response required
<b>402.2 Speech-Output Enabled</b>	Heading cell – no response required	Heading cell – no response required
402.2.1 Information Displayed On-Screen	Not Applicable	
402.2.2 Transactional Outputs	Not Applicable	
402.2.3 Speech Delivery Type and Coordination	Not Applicable	
402.2.4 User Control	Not Applicable	
402.2.5 Braille Instructions	Not Applicable	
<b>402.3 Volume</b>	Heading cell – no response required	Heading cell – no response required
402.3.1 Private Listening	Not Applicable	
402.3.2 Non-private Listening	Not Applicable	
402.4 Characters on Display Screens	Not Applicable	

Criteria	Conformance Level	Remarks and Explanations
402.5 Characters on Variable Message Signs	Not Applicable	
<b>403 Biometrics</b>	Heading cell – no response required	Heading cell – no response required
403.1 General	Not Applicable	
<b>404 Preservation of Information Provided for Accessibility</b>	Heading cell – no response required	Heading cell – no response required
404.1 General	Not Applicable	
<b>405 Privacy</b>	Heading cell – no response required	Heading cell – no response required
405.1 General	Not Applicable	
<b>406 Standard Connections</b>	Heading cell – no response required	Heading cell – no response required
406.1 General	Not Applicable	
<b>407 Operable Parts</b>	Heading cell – no response required	Heading cell – no response required
407.2 Contrast	Not Applicable	
<b>407.3 Input Controls</b>	Heading cell – no response required	Heading cell – no response required
407.3.1 Tactilely Discernible	Not Applicable	

Criteria	Conformance Level	Remarks and Explanations
407.3.2 Alphabetic Keys	Not Applicable	
407.3.3 Numeric Keys	Not Applicable	
407.4 Key Repeat	Not Applicable	
407.5 Timed Response	Not Applicable	
407.6 Operation	Not Applicable	
407.7 Tickets, Fare Cards, and Keycards	Not Applicable	
<b>407.8 Reach Height and Depth</b>	Heading cell – no response required	Heading cell – no response required
407.8.1 Vertical Reference Plane	Not Applicable	
407.8.1.1 Vertical Plane for Side Reach	Not Applicable	
407.8.1.2 Vertical Plane for Forward Reach	Not Applicable	
407.8.2 Side Reach	Not Applicable	
407.8.2.1 Unobstructed Side Reach	Not Applicable	
407.8.2.2 Obstructed Side Reach	Not Applicable	
407.8.3 Forward Reach	Not Applicable	
407.8.3.1 Unobstructed Forward Reach	Not Applicable	

Criteria	Conformance Level	Remarks and Explanations
407.8.3.2 Obstructed Forward Reach	Not Applicable	
407.8.3.2.1 Operable Part Height for ICT with Obstructed Forward Reach	Not Applicable	
407.8.3.2.2 Knee and Toe Space under ICT with Obstructed Forward Reach	Not Applicable	
<b>408 Display Screens</b>	Heading cell – no response required	Heading cell – no response required
408.2 Visibility	Not Applicable	
408.3 Flashing	Not Applicable	
<b>409 Status Indicators</b>	Heading cell – no response required	Heading cell – no response required
409.1 General	Not Applicable	
<b>410 Color Coding</b>	Heading cell – no response required	Heading cell – no response required
410.1 General	Not Applicable	
<b>411 Audible Signals</b>	Heading cell – no response required	Heading cell – no response required
411.1 General	Not Applicable	

Criteria	Conformance Level	Remarks and Explanations
<b>412 ICT with Two-Way Voice Communication</b>	Heading cell – no response required	Heading cell – no response required
<b>412.2 Volume Gain</b>	Heading cell – no response required	Heading cell – no response required
412.2.1 Volume Gain for Wireline Telephones	Not Applicable	
412.2.2 Volume Gain for Non-Wireline ICT	Not Applicable	
<b>412.3 Interference Reduction and Magnetic Coupling</b>	Heading cell – no response required	Heading cell – no response required
412.3.1 Wireless Handsets	Not Applicable	
412.3.2 Wireline Handsets	Not Applicable	
412.4 Digital Encoding of Speech	Not Applicable	
412.5 Real-Time Text Functionality	Reserved for future	Reserved for future
412.6 Caller ID	Not Applicable	
412.7 Video Communication	Not Applicable	
<b>412.8 Legacy TTY Support</b>	Heading cell – no response required	Heading cell – no response required
412.8.1 TTY Connectability	Not Applicable	



<b>Criteria</b>	<b>Conformance Level</b>	<b>Remarks and Explanations</b>
412.8.2 Voice and Hearing Carry Over	Not Applicable	
412.8.3 Signal Compatibility	Not Applicable	
412.8.4 Voice Mail and Other Messaging Systems	Not Applicable	
<b>413 Closed Caption Processing Technologies</b>	Heading cell – no response required	Heading cell – no response required
413.1.1 Decoding and Display of Closed Captions	Not Applicable	
413.1.2 Pass-Through of Closed Caption Data	Not Applicable	
<b>414 Audio Description Processing Technologies</b>	Heading cell – no response required	Heading cell – no response required
414.1.1 Digital Television Tuners	Not Applicable	
414.1.2 Other ICT	Not Applicable	
<b>415 User Controls for Captions and Audio Descriptions</b>	Heading cell – no response required	Heading cell – no response required
415.1.1 Caption Controls	Not Applicable	
415.1.2 Audio Description Controls	Not Applicable	

## Chapter 5: Software

Notes:

Criteria	Conformance Level	Remarks and Explanations
501.1 Scope – Incorporation of WCAG 2.0 AA	See <a href="#">WCAG 2.0</a> section	See information in WCAG section
<b>502 Interoperability with Assistive Technology</b>	Heading cell – no response required	Heading cell – no response required
502.2.1 User Control of Accessibility Features	Supports	The Google Calendar web application does not provide any features that would be defined as accessibility controls.
502.2.2 No Disruption of Accessibility Features	Supports	The Google Calendar web application does not interrupt accessibility features.
<b>502.3 Accessibility Services</b>	Heading cell – no response required	Heading cell – no response required
502.3.1 Object Information	Partially Supports	Most objects provide the necessary information that the user and assistive technology, however some objects do not correctly identify their roles.
502.3.2 Modification of Object Information	Supports	The user is able to set available states and properties that are capable of being set

Criteria	Conformance Level	Remarks and Explanations
		programmatically through assistive technology.
502.3.3 Row, Column, and Headers	Supports	No table content was encountered within the Google Calendar web application.
502.3.4 Values	Supports	Content with values was programmatically determinable by the screen reader.
502.3.5 Modification of Values	Supports	Controls with modifiable values are able to be accessed and modified by users.
502.3.6 Label Relationships	Supports	Components that have labels by other components are programmatically determinable by assistive technologies.
502.3.7 Hierarchical Relationships	Supports	Hierarchical relationships are determinable programmatically within the content.
502.3.8 Text	Partially Supports	Some text content is unavailable to the assistive technologies.
502.3.9 Modification of Text	Supports	Areas of control with text entry fields allowed users to enter text.
502.3.10 List of Actions	Supports	All objects programmatically list their potential actions.

Criteria	Conformance Level	Remarks and Explanations
502.3.11 Actions on Objects	Partially Supports	Some objects did not allow assistive technologies to execute actions on those objects.
502.3.12 Focus Cursor	Supports	The focus cursor is always visible when the assistive technologies are enabled.
502.3.13 Modification of Focus Cursor	Supports	The focus can be tracked and modified by assistive technology.
502.3.14 Event Notification	Supports	All tested events are notified to the user when they occur.
502.4 Platform Accessibility Features	Partially Supports	Some of the required features listed are either not supported by the Google Calendar web application or are not applicable.
<b>503 Applications</b>	Heading cell – no response required	Heading cell – no response required
503.2 User Preferences	Not Applicable	Applications that are designed to be isolated from their underlying platform software, including Web applications, shall not be required to conform to 503.2.
503.3 Alternative User Interfaces	Not Applicable	No alternative user interface is provided.

Criteria	Conformance Level	Remarks and Explanations
<b>503.4 User Controls for Captions and Audio Description</b>	Heading cell – no response required	Heading cell – no response required
503.4.1 Caption Controls	Not Applicable	The Google Calendar web application does not natively support video/audio streams.
503.4.2 Audio Description Controls	Not Applicable	The Google Calendar web application does not natively support video/audio streams.
<b>504 Authoring Tools</b>	Heading cell – no response required	Heading cell – no response required
504.2 Content Creation or Editing (if not authoring tool, enter “not applicable”)	See <a href="#">WCAG 2.0</a> section	See information in WCAG section
504.2.1 Preservation of Information Provided for Accessibility in Format Conversion	Not Applicable	
504.2.2 PDF Export	Not Applicable	
504.3 Prompts	Not Applicable	
504.4 Templates	Not Applicable	

## Chapter 6: Support Documentation and Services

Notes:

Criteria	Conformance Level	Remarks and Explanations
<b>601.1 Scope</b>	Heading cell – no response required	Heading cell – no response required
<b>602 Support Documentation</b>	Heading cell – no response required	Heading cell – no response required
602.2 Accessibility and Compatibility Features	Not Applicable	The documentation for Google Calendar lists and explains how to use the accessibility and compatibility features of the product. See <a href="http://g.co/GSuiteAccessibility">g.co/GSuiteAccessibility</a> .
602.3 Electronic Support Documentation	See <a href="#">WCAG 2.0</a> section	See information in WCAG section
602.4 Alternate Formats for Non-Electronic Support Documentation	Not Applicable	All necessary documentation for Google Calendar is provided electronically.
<b>603 Support Services</b>	Heading cell – no response required	Heading cell – no response required
603.2 Information on Accessibility and Compatibility Features	Not Applicable	The Google Disability Support Team can answer questions about the accessibility of Google Calendar.

Criteria	Conformance Level	Remarks and Explanations
603.3 Accommodation of Communication Needs	Supports	The Google Disability Support Team can answer questions about the accessibility of Google Calendar.

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