



Voluntary Product Accessibility Template (VPAT)

Name of Product/Version: Wolfram | Alpha
Report Date: June 17, 2024

Summary

This VPAT represents an assessment of how Wolfram | Alpha's browser-based interface conforms to the [revised 508 standards](#) for IT accessibility. The document is frequently requested by clients, especially in higher education and government, and is posted publicly on [the company website](#), where it can be accessed by all interested parties.

Document Information

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Introduction

Product Description:

Wolfram | Alpha is a computation and knowledge engine powered by Wolfram Language. In addition to providing a search tool with free-form input, it furnishes results to a variety of platforms and applications through a rich programming interface. The present document reviews the browser-based application.

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Evaluation Methods Used: Manual testing and verification.

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	Level A (Yes) Level AA (Yes) Level AAA (No)
Revised Section 508 standards published January 18, 2017 and corrected January 22, 2018	(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.



Table 1: Success Criteria, Level A

Notes:

Criteria	Conformance Level	Remarks and Explanations
1.1.1 Non-text Content (Level A)	Supports	All essential images are supplied with alternative text.
1.2.1 Audio-only and Video-only (Prerecorded) (Level A)	Not Applicable	
1.2.2 Captions (Prerecorded) (Level A)	Not Applicable	
1.2.3 Audio Description or Media Alternative (Prerecorded) (Level A)	Not Applicable	Interface does not rely on recorded media.
1.3.1 Info and Relationships (Level A)	Supports	
1.3.2 Meaningful Sequence (Level A)	Supports	
1.3.3 Sensory Characteristics (Level A)	Supports	Text alternatives are available to communicate contents of graphs and diagrams.
1.4.1 Use of Color (Level A)	Supports	Color is only used to reinforce meaning.
1.4.2 Audio Control (Level A)	Supports	No audio events are triggered automatically.
2.1.1 Keyboard (Level A)	Supports	
2.1.2 No Keyboard Trap (Level A)	Supports	Dialogs do not pull keyboard focus away from the interface, and can be dismissed by a keystroke.
2.2.1 Timing Adjustable (Level A)	Not Applicable	There are no time-sensitive actions in the interface.
2.2.2 Pause, Stop, Hide (Level A)	Not Applicable	
2.3.1 Three Flashes or Below Threshold (Level A)	Supports	This threshold is never reached.
2.4.1 Bypass Blocks (Level A)	Partially Supports	Navigating through the interface can occur on multiple levels, allowing the user to skip blocks.
2.4.2 Page Titled (Level A)	Supports	
2.4.3 Focus Order (Level A)	Supports	Interface elements have a logical and predictable order of focus.
2.4.4 Link Purpose (In Context) (Level A)	Supports	
3.1.1 Language of Page (Level A)	Supports	Authors can access most non-Western characters and alphabet sets for their purposes.
3.2.1 On Focus (Level A)	Supports	No unexpected changes of focus take place.
3.2.2 On Input (Level A)	Supports	Input events do not trigger a change of context.
3.3.1 Error Identification (Level A)	Supports	



Criteria	Conformance Level	Remarks and Explanations
3.3.2 Labels or Instructions (Level A)	Supports	
4.1.1 Parsing (Level A)	Supports	
4.1.2 Name, Role, Value (Level A)	Supports	

Table 2: Success Criteria, Level AA

Notes:

Criteria	Conformance Level	Remarks and Explanations
1.2.4 Captions (Live) (Level AA)	Not Applicable	
1.2.5 Audio Description (Prerecorded) (Level AA)	Not Applicable	Interface does not rely on video.
1.4.3 Contrast (Minimum) (Level AA)	Supports	
1.4.4 Resize text (Level AA)	Supports	
1.4.5 Images of Text (Level AA)	Supports	Interface does not rely solely on images to convey meaning.
2.4.5 Multiple Ways (Level AA)	Supports	
2.4.6 Headings and Labels (Level AA)	Supports	
2.4.7 Focus Visible (Level AA)	Supports	
3.1.2 Language of Parts (Level AA)	Supports	Authors can access most non-Western characters and alphabet sets for their purposes.
3.2.3 Consistent Navigation (Level AA)	Supports	Navigating the interface is consistent and predictable.
3.2.4 Consistent Identification (Level AA)	Supports	
3.3.3 Error Suggestion (Level AA)	Supports	
3.3.4 Error Prevention (Legal, Financial, Data) (Level AA)	Not Applicable	



Revised Section 508 Report

Chapter 3: [Functional Performance Criteria \(FPC\)](#)

Criteria	Conformance Level	Remarks and Explanations
302.1 Without Vision	Supports	The interface can be used with help from standard screen readers such as NVDA (Windows) or VoiceOver (Mac).
302.2 With Limited Vision	Supports	Visual elements can be enlarged with standard magnification tools.
302.3 Without Perception of Color	Supports	Color is not a primary conveyor of information. Software does not interfere with standard color contrast adjustment tools.
302.4 Without Hearing	Supports	Auditory cues are minimal and not essential to the operation of the software.
302.5 With Limited Hearing	Not Applicable	Conventional assistive technologies will fulfill this criterion.
302.6 Without Speech	Not Applicable	Conventional assistive technologies will fulfill this criterion.
302.7 With Limited Manipulation	Not Applicable	Conventional assistive technologies will fulfill this criterion.
302.8 With Limited Reach and Strength	Not Applicable	Conventional assistive technologies will fulfill this criterion.
302.9 With Limited Language, Cognitive, and Learning Abilities	Not Applicable	Conventional assistive technologies will fulfill this criterion.



Chapter 5: [Software](#)

Criteria	Conformance Level	Remarks and Explanations
501.1 Scope – Incorporation of WCAG 2.0 AA	See WCAG 2.x section	See information in WCAG 2.x section.
502 Interoperability with Assistive Technology		
502.2.1 User Control of Accessibility Features	Supports	
502.2.2 No Disruption of Accessibility Features	Supports	
502.3 Accessibility Services		
502.3.1 Object Information	Supports	
502.3.2 Modification of Object Information	Supports	
502.3.3 Row, Column, and Headers	Supports	
502.3.4 Values	Supports	
502.3.5 Modification of Values	Supports	
502.3.6 Label Relationships	Supports	
502.3.7 Hierarchical Relationships	Supports	
502.3.8 Text	Supports	
502.3.9 Modification of Text	Supports	
502.3.10 List of Actions	Supports	
502.3.11 Actions on Objects	Supports	
502.3.12 Focus Cursor	Supports	
502.3.13 Modification of Focus Cursor	Supports	
502.3.14 Event Notification	Supports	
502.4 Platform Accessibility Features	Supports	
503 Applications		
503.2 User Preferences	Supports	
503.3 Alternative User Interfaces	Not Applicable	
503.4 User Controls for Captions and Audio Description		
503.4.1 Caption Controls	Not Applicable	
503.4.2 Audio Description Controls	Not Applicable	
504 Authoring Tools		
504.2 Content Creation or Editing (if not authoring tool, enter “not applicable”)	See WCAG 2.x section	See information in WCAG 2.x section.
504.2.1 Preservation of Information Provided for Accessibility in Format Conversion		
504.2.2 PDF Export	Does not Support	Generated PDFs do not automatically conform to ANSI/AIIM/ISO 14289-1:2016 (PDF/UA-1).
504.3 Prompts	Not Applicable	Wolfram Alpha is not an authoring tool.



Criteria	Conformance Level	Remarks and Explanations
504.4 Templates	Not Applicable	Wolfram Alpha does not support creation of templates.

Chapter 6: [Support Documentation and Services](#)

Criteria	Conformance Level	Remarks and Explanations
601.1 Scope		
602 Support Documentation		
602.2 Accessibility and Compatibility Features	Does Not Support	Accessibility features are not explicitly documented.
602.3 Electronic Support Documentation	See WCAG 2.0 Section	See information in WCAG 2.0 section.
602.4 Alternate Formats for Non-Electronic Support Documentation	Supports	Non-electronic (paper-based) documentation can be made available.
603 Support Services		
603.2 Information on Accessibility and Compatibility Features	Supports	Our Tech Support team can be reached through multiple channels, not limited to telephone, TTY, or various chat clients.
603.3 Accommodation of Communication Needs	Supports	With prior notification, our Tech Support team will provide communication accommodations as requested.

Legal Disclaimer

Wolfram takes privacy and data protection seriously, and is committed to safeguarding data you share with us. To learn more, please see our privacy policy at <https://www.wolfram.com/legal/privacy/wolfram>.