Trimble, Inc. Accessibility Conformance Report

Revised Section 508 Edition

(Based on VPAT® Version 2.4Rev)

Name of Product/Version: Sketchup Pro 2022 (Windows)

Report Date: 09/15/2022

Product Description:

SketchUp Pro 2022 is 3D modeling software for designers working on architecture, construction, interior design, landscape architecture, planning, engineering, woodworking, and film and stage projects.

- **In SketchUp, you can create 3D models to evaluate and refine conceptual design ideas into constructible projects.**
- **Customize the look and feel of a 3D model with rendering styles, material application, and scenes to put together compelling proposals and presentations.**
- **Import 2D and 3D data from other software to incorporate in a SketchUp project.**

Contact Information: 1-855-855-1703 or visit Technical Support
http://help.sketchup.com/en/contact

Evaluation Methods Used:

This conformance report is the result of an accessibility audit conducted by a third-party company specializing in accessibility testing, auditing, and remediation, Microassist Inc. As noted below, the audit was performed to the Web Content Accessibility Guideline (WCAG) 2.0 Level AA standard.

The audit used manual and automated tests. The following applications were used as part of the audit to identify and report potential accessibility issues:

- Desktop OS: Windows 10
- Assistive Technologies for Manual Testing: JAWS, Keyboard
- Automated Testing Tools: Paciello Group Color Contrast Analyzer, Accessibility Insights for Windows

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.

WCAG 2.0 Report

Tables 1 and 2 also document conformance with Revised Section 508:

- 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:

Criteria	Conformance Level	Remarks and Explanations
1.1.1 Non-text Content (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Software: Does Not Support	Software: The application button icons lack alternative text content. The instructor pane animation lacks alternative text content.
1.2.1 Audio-only and Video-only (Prerecorded) (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Software: Supports	Software: The application does not contain prerecorded audio-only or video-only multimedia.
1.2.2 Captions (Prerecorded) (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Software: Supports	Software: The application does not contain prerecorded multimedia.
1.2.3 Audio Description or Media Alternative (Prerecorded) (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Software: Supports	Software: The application does not contain prerecorded multimedia.
1.3.1 Info and Relationships (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software)	Software: Partially Supports	Software: There is no indication of active footer text input fields. There is no programmatic indication of the footer

Criteria	Conformance Level	Remarks and Explanations
• 504.2 (Authoring Tool) • 602.3 (Support Docs)		instructional or help text. Form field groupings are not programmatically determinable.
1.3.2 Meaningful Sequence (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Software: Supports	Software: The application content that is navigable follows a logical sequence that does not impede users understanding the meaning of the content.
1.3.3 Sensory Characteristics (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Software: Partially Supports	Software: Instructor pane content relies on object location and color for key shortcut instructions. Information regarding the axes in the drawing pane always reference the axes by default color. The application color picker widgets use an image of the selected color as the field label.
1.4.1 Use of Color (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Software: Partially Supports	Software: Some application tools use a change in color to indicate locked orientation states.
1.4.2 Audio Control (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Software: Supports	Software: The application does not contain auto-playing audio content.
2.1.1 Keyboard (Level A) Also applies to:	Software: Does Not Support	Software: The basic application functionality, drawing shapes, requires the dexterity to use a pointer device to

Criteria	Conformance Level	Remarks and Explanations

Revised Section 508
  • 501 (Web)(Software)
  • 504.2 (Authoring Tool)
  • 602.3 (Support Docs)
		initiate actions.
		
		Non-pointer device users cannot navigate to the application sidebar region.
		
		Many buttons in the application sidebar cannot be activated without a pointer device.
		
		The application sidebar accordion widget is not operable without a pointer device.
		
		Application keyboard shortcuts cannot be changed using only keyboard input.
		
		Interactive elements in the initial application Welcome screen is not operable without a pointer device.

2.1.2 No Keyboard Trap (Level A)
Also applies to:
Revised Section 508
  • 501 (Web)(Software)
  • 504.2 (Authoring Tool)
  • 602.3 (Support Docs)
	Software: Partially Supports	Software: The add keyboard shortcut text field in preferences traps user agent focus.

2.2.1 Timing Adjustable (Level A)
Also applies to:
Revised Section 508
  • 501 (Web)(Software)
  • 504.2 (Authoring Tool)
  • 602.3 (Support Docs)
	Software: Supports	Software: No application content contains a non-essential time limit.

2.2.2 Pause, Stop, Hide (Level A)
Also applies to:
Revised Section 508
  • 501 (Web)(Software)
  • 504.2 (Authoring Tool)
	Software: Partially Supports	Software: The gif animation in the instructor pane does not have a pause mechanism

Criteria	Conformance Level	Remarks and Explanations
• 602.3 (Support Docs)		

2.3.1 Three Flashes or Below Threshold (Level A)
Also applies to:
Revised Section 508
    • 501 (Web)(Software)
    • 504.2 (Authoring Tool)
    • 602.3 (Support Docs)
	Software: Supports	Software: No content in the application blinks or flashes.

2.4.1 Bypass Blocks (Level A)
Also applies to:
Revised Section 508
    • 501 (Web)(Software) – Does not apply to non-web software
    • 504.2 (Authoring Tool)
    • 602.3 (Support Docs) – Does not apply to non-web docs
	Software: N/A	Software: N/A

2.4.2 Page Titled (Level A)
Also applies to:
Revised Section 508
    • 501 (Web)(Software)
    • 504.2 (Authoring Tool)
    • 602.3 (Support Docs)
	Software: Supports	Software: The application frame titles are descriptive and unique.

2.4.3 Focus Order (Level A)
Also applies to:
Revised Section 508
    • 501 (Web)(Software)
    • 504.2 (Authoring Tool)
    • 602.3 (Support Docs)
	Software: Partially Supports	Software: The focus order in the Edit sidebar pane does not follow the visible layout of the elements.

2.4.4 Link Purpose (In Context) (Level A)
Also applies to:
Revised Section 508
    • 501 (Web)(Software)
    • 504.2 (Authoring Tool)
    • 602.3 (Support Docs)
	Software: Partially Supports	Software: The instructor pane animation is a link that lacks meaningful text content.

3.1.1 Language of Page (Level A)	Software: Supports	Software: The language of the application is

Criteria	Conformance Level	Remarks and Explanations
Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)		programmatically determinable.
3.2.1 On Focus (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Software: Supports	Software: No changes of context occur when any interface components receive focus.
3.2.2 On Input (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Software: Supports	Software: No changes of context occur when users enter data into any interface components.
3.3.1 Error Identification (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Software: Supports	Software: Application form data entry errors are described to the user in text on validation.
3.3.2 Labels or Instructions (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Software: Does Not Support	Software: The majority of the application text and listbox input fields lack programmatically determinable label content. The color picker slider inputs lack programmatically determinable label content. The majority of the application icon buttons lack programmatically determinable label content.

Criteria	Conformance Level	Remarks and Explanations
		The footer text input lacks format instructions for the various input purposes.
4.1.1 Parsing (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Software: Supports	Software: The application does not contain significant parsing or formatting errors.
4.1.2 Name, Role, Value (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Software: Does Not Support	Software: The sidebar region accordion widget lacks programmatically determinable role and state information. Color picker dialog trigger elements lack programmatically determinable role and state information. The search text field lacks state and relationship information regarding the autocomplete functionality. The Welcome dialog interactive content lacks programmatically determinable role and state information.

Table 2: Success Criteria, Level AA

Notes:

Criteria	Conformance Level	Remarks and Explanations
1.2.4 Captions (Live) (Level AA) Also applies to: Revised Section 508 • 501 (Web)(Software)	Software: Supports	Software: The application does not contain live broadcast synchronized multimedia.

Criteria	Conformance Level	Remarks and Explanations
• 504.2 (Authoring Tool) • 602.3 (Support Docs)		
1.2.5 Audio Description (Prerecorded) (Level AA) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Software: Supports	Software: The application does not contain prerecorded multimedia.
1.4.3 Contrast (Minimum) (Level AA) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Software: Partially Supports	Software: The active search autocomplete text fails minimum contrast standards. The open file button text in the welcome dialog fails minimum contrast standards Grey text in the welcome dialog fails minimum contrast standards.
1.4.4 Resize text (Level AA) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Software: Partially Supports	Software: Application sidebar content does not fully respond to OS changes in font size to 200%.
1.4.5 Images of Text (Level AA) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Software: Supports	Software: The application does not contain images of text
2.4.5 Multiple Ways (Level AA) Also applies to: Revised Section 508 • 501 (Web)(Software) – Does not apply to non-web software • 504.2 (Authoring Tool)	Software: N/A	Software: N/A

Criteria	Conformance Level	Remarks and Explanations
• 602.3 (Support Docs) – Does not apply to non-web docs		

2.4.6 Headings and Labels (Level AA)
Also applies to:
Revised Section 508
   • 501 (Web)(Software)
   • 504.2 (Authoring Tool)
   • 602.3 (Support Docs)
	Software: Partially Supports	Software: The implied label of icon buttons in the application are image filenames.

2.4.7 Focus Visible (Level AA)
Also applies to:
Revised Section 508
   • 501 (Web)(Software)
   • 504.2 (Authoring Tool)
   • 602.3 (Support Docs)
	Software: Does Not Support	Software: The majority of the application interactive elements, aside from text input fields, lack visible indication of user agent focus.

3.1.2 Language of Parts (Level AA)
Also applies to:
Revised Section 508
   • 501 (Web)(Software)
   • 504.2 (Authoring Tool)
   • 602.3 (Support Docs)
	Software: Supports	Software: The application does not contain content which deviates from the programmatically determinable language.

3.2.3 Consistent Navigation (Level AA)
Also applies to:
Revised Section 508
   • 501 (Web)(Software) – Does not apply to non-web software
   • 504.2 (Authoring Tool)
   • 602.3 (Support Docs) – Does not apply to non-web docs
	Software: N/A	Software: N/A

3.2.4 Consistent Identification (Level AA)
Also applies to:
Revised Section 508
   • 501 (Web)(Software) – Does not apply to non-web software
   • 504.2 (Authoring Tool)
   • 602.3 (Support Docs) – Does not apply to non-web docs
	Software: N/A	Software: N/A

3.3.3 Error Suggestion (Level AA)	Software: Supports	Software: The application provides suggestions for form

Criteria	Conformance Level	Remarks and Explanations
Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)		errors where applicable.
3.3.4 Error Prevention (Legal, Financial, Data) (Level AA) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Software: Supports	Software: The application does not collect legal or financial user data.

Table 3: Success Criteria, Level AAA

Notes: The product was not evaluated for level AAA WCAG criterion

Revised Section 508 Report

Notes:

Chapter 3: **Functional Performance Criteria** (FPC)

Notes:

Criteria	Conformance Level	Remarks and Explanations
302.1 Without Vision	Does Not Support	The features of the product are not understandable or operable for users without vision.
302.2 With Limited Vision	Partially Supports	Some features of the product may not be fully perceivable or discernable for users without limited.
302.3 Without Perception of Color	Partially Supports	Some features of the product may not be

Criteria	Conformance Level	Remarks and Explanations
		fully perceivable or discernable for users without perception of color.
302.4 Without Hearing	Supports	The product features do not significantly impact users without hearing.
302.5 With Limited Hearing	Supports	The product features do not significantly impact users with limited hearing.
302.6 Without Speech	Supports	The product features do not significantly impact users without speech.
302.7 With Limited Manipulation	Does Not Support	The basic product features are not operable for users with limited mobility.
302.8 With Limited Reach and Strength	Partially Supports	The product features may not be fully operable for users with limited reach or strength.
302.9 With Limited Language, Cognitive, and Learning Abilities	Supports	The product features do not significantly impact users with limited language, cognitive, or learning abilities.

Chapter 4: Hardware

Notes: Notes: The product does not contain a hardware component and was not evaluated under Chapter 4.

Chapter 5: Software

Notes:

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	Heading cell – no response required	Heading cell – no response required
502.2.1 User Control of Accessibility Features	Partially supports	The application content does not fully conform to platform text presentation settings.
502.2.2 No Disruption of Accessibility Features	Partially supports	The application content does not fully conform to platform text presentation

Criteria	Conformance Level	Remarks and Explanations
		settings.
502.3 Accessibility Services	Heading cell – no response required	Heading cell – no response required
502.3.1 Object Information	Partially supports	Some application object information is not programmatically determinable.
502.3.2 Modification of Object Information	Supports	Application object states and properties can be set programmatically.
502.3.3 Row, Column, and Headers	Supports	The application does not contain data tables.
502.3.4 Values	Supports	Th application object values are programmatically determinable.
502.3.5 Modification of Values	Partially Supports	Some application object values cannot be set programmatically through assistive technology.
502.3.6 Label Relationships	Does Not Support	The majority of application components with visible labels lack programmatic relationship information.
502.3.7 Hierarchical Relationships	Supports	Application hierarchical relationships are programmatically determinable.
502.3.8 Text	Supports	Application text attributes and objects are programmatically determinable.
502.3.9 Modification of Text	Supports	Application does not contain user modifiable text.
502.3.10 List of Actions	Partially Supports	Object actions are programmatically determinable for objects with correct role markup.
502.3.11 Actions on Objects	Partially Supports	All object actions can be activated for elements with correct semantic markup.
502.3.12 Focus Cursor	Does Not Support	Application focus is not visibly determinable for most interactive elements.
502.3.13 Modification of Focus Cursor	Partially Supports	Application focus can be modified programmatically by assistive technology

Criteria	Conformance Level	Remarks and Explanations
		for available elements. Some elements cannot receive user agent focus.
502.3.14 Event Notification	Supports	Application state change notification is programmatically available to assistive technology API's.
502.4 Platform Accessibility Features	Supports	Platform OS supports ANSI/HFES accessibility features.
503 Applications	Heading cell – no response required	Heading cell – no response required
503.2 User Preferences	Partially Supports	Application does not fully conform platform settings for user preferences in text presentation.
503.3 Alternative User Interfaces	Not Applicable	Application does not provide an alternative user interface.
503.4 User Controls for Captions and Audio Description	Heading cell – no response required	Heading cell – no response required
503.4.1 Caption Controls	Not Applicable	Application does not contain multimedia content.
503.4.2 Audio Description Controls	Not Applicable	Application does not contain multimedia content.
504 Authoring Tools	Heading cell – no response required	Heading cell – no response required
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	Not Applicable	Application is not an authoring tool.
504.2.2 PDF Export	Not Applicable	Application is not an authoring tool.
504.3 Prompts	Not Applicable	Application is not an authoring tool.
504.4 Templates	Not Applicable	Application is not an authoring tool.

Chapter 6: Support Documentation and Services

Notes:

Criteria	Conformance Level	Remarks and Explanations

Criteria	Conformance Level	Remarks and Explanations
601.1 Scope	Heading cell – no response required	Heading cell – no response required
[602 Support Documentation](#)	Heading cell – no response required	Heading cell – no response required
602.2 Accessibility and Compatibility Features	Does Not Support	Application documentation does not list or explain accessibility features required by chapter 5.
602.3 Electronic Support Documentation	See [WCAG 2.x](#) section	See information in WCAG 2.x section
602.4 Alternate Formats for Non-Electronic Support Documentation	Supports	Support documentation is not provided in non-electronic formats.
[603 Support Services](#)	Heading cell – no response required	Heading cell – no response required
603.2 Information on Accessibility and Compatibility Features	Does Not Support	Support services does not provide information regarding accessibility features required by chapter 5.
603.3 Accommodation of Communication Needs	Supports	Users can access support services via a support help desk for communication and support forums.