

Ansys Accessibility Conformance Report

Desktop edition

(Based on VPAT® Version 2.4)

Product name:

DesignXplorer

Product Version:

2021R2

Report Date:

11/17/2021

DesignXplorer is a tool that automates the running of parametrically driven simulations (could be many things, I used Mechanical tough) to understand and optimize the model. Inputs could be dimensions, forces, material properties etc and output (quantities to be optimized) could be deformation, stress, flow rate etc. DesignXplorer is accessed from the Workbench project schematic and appears as a tab inside of workbench. The user interreacts with tables, charts and parameters in order to setup, run and review the results of the optimization.

Product Description:

Contact Information:

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Notes:

Evaluation methods used:

Human evaluation and vendor proprietary, Microsoft Accessibility Insights for Windows, Colour Contrast Analyzer

Applicable standards/guidelines:

Standard/Guideline

Included In Report

Web Content Accessibility Guidelines 2.0

Level A (Yes)
Level AA (Yes)
Level AAA (No)

Web Content Accessibility Guidelines 2.1

Level A (Yes)
Level AA (Yes)
Level AAA (No)

Revised Section 508 standards published January 18, 2017 and corrected January 22, 2018

(Yes)

EN 301 549 Accessibility requirements suitable for public procurement of ICT products and services in Europe, - V3.1.1 (2019-11)

(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.x Report

WCAG 2.X also documents conformance with:

EN 301 549: Chapter 9 - Web, Sections 10.1-10.4 of Chapter 10 - Non-Web documents, and Sections 11.1-11.4 and 11.8.2 of Chapter 11 - Non-Web Software (open and closed functionality), and Sections 12.1.2 and 12.2.4 of Chapter 12 – Documentation
 Revised Section 508: Chapter 5 – 501.1 Scope, 504.2 Content Creation or Editing, and Chapter 6 – 602.3 Electronic Support Documentation.

Note: When reporting on conformance with the WCAG 2.x 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.

WCAG 2.0 and 2.1 Success Criteria Level A and AA

Notes:

[Notes here]

Criteria	Supports	Partially Supports	Does not support	Notes
1.1.1 Non-text Content	X			The app is not web-based
1.2.1 Audio-only and Video-only (Prerecorded)	X			The app does not contain audios or videos
1.2.2 Captions (Prerecorded)	X			The app does not contain videos
1.2.3 Audio Description or Media Alternative	X			The app does not contain audios or videos
1.2.4 Captions (Live)	X			The app does not contain audios or videos
1.2.5 Audio Description	X			The app does not contain audios or videos
1.3.1 Info and Relationships	X			The app is not web-based
1.3.2 Meaningful Sequence	X			The app is not web-based
1.3.3 Sensory Characteristics		X		Some elements identified by shape and also by text
1.3.4 Orientation	X			The app does not have a mobile interface

1.3.5 Identify Input Purpose	X		The app does not collect personal information
1.4.1 Use of Color		X	Some elements identified by color and also by text
1.4.10 Reflow	X		Content and functionality not lost when zooming to 400%
1.4.11 Non-Text Contrast		X	The user can only adjust background
1.4.12 Text Spacing	X		The app is not web-based
1.4.13 Content Hover on Focus	X		When author content is focused or hovered, a mechanism is available to dismiss additional content without moving mouse or keyboard
1.4.2 Audio Control	X		The app does not have audio
1.4.3 Contrast (Minimum)		X	Some content does not have sufficient contrast
1.4.4 Resize text	X		Content not lost when zooming to 200%
1.4.5 Images of Text	X		The app is not web-based
2.1.1 Keyboard		X	The app lacks keyboard support in most areas
2.1.2 No Keyboard Trap	X		The app consists of one main screen
2.1.4 Character Key Shortcuts	X		The app does not have single character keyboard shortcuts
2.2.1 Timing Adjustable	X		The app does not have a timeout feature
2.2.2 Pause, Stop, Hide	X		The app does not have carousels
2.3.1 Three Flashes or Below Threshold	X		Screens do not contain flashing content
2.4.1 Bypass Blocks	X		The app is not web-based
2.4.2 Page Titled	X		Screens have top line titles that describe their purposes
2.4.3 Focus Order		X	The app lacks keyboard support in most areas
2.4.4 Link Purpose (In Context)	X		The app is not web-based
2.4.5 Multiple Ways	X		The app is not web-based

2.4.6 Headings and Labels		X	The app lacks keyboard support in most areas
2.4.7 Focus Visible		X	The app lacks keyboard support in most areas
2.5.1 Pointer Gestures	X		Functions are performed when the user releases the mouse button
2.5.2 Pointer Cancellation		X	The user must perform functions again if they make an error
2.5.3 Label in a Name	X		The app is not web-based
2.5.4 Motion Actuation	X		Site or app does not use motion to perform functions
3.1.1 Language of Page	X		Screen default languages are specified
3.1.2 Language of Parts	X		The app is not web-based
3.2.1 On Focus	X		Control focus does not cause new screens to appear
3.2.2 On Input	X		Control input does not cause new screens to appear
3.2.3 Consistent Navigation	X		The app is not web-based
3.2.4 Consistent Identification	X		The app is not web-based
3.3.1 Error Identification		X	Some errors are identified and described in text form
3.3.2 Labels or Instructions		X	The app lacks keyboard support in most areas
3.3.3 Error Suggestion		X	Some error suggestion corrections are provided in text form
3.3.4 Error Prevention (Legal, Financial, Data)	X		The app does not contain legal or financial transactions
4.1.1 Parsing	X		The app is purely desktop
4.1.2 Name, Role, Value		X	Assistive technology can detect few control names, types, states, and values
4.1.3 Status Messages	X		The app does not contain status messages

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If you have questions or believe that an element is stated incorrectly or incompletely, please contact vpat@ansys.com.