



xViz Accessibility Conformance Report

Revised Section 508 Edition

(Based on VPAT® Version 2.4Rev)

Name of Product/Version: xViz Gantt Enterprise

Report Date: May 5, 2022

Product Description:

The xViz Gantt Chart custom visual for Power BI shows tasks or events displayed along a given timeline. It is one of the most widely used project planning tools. It helps to visualize a project plan to articulate, communicate and monitor the progress.

Contact Information:

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Notes:

- xViz Gantt Chart is available on Microsoft AppSource - [Link](#) and is [PBI certified](#).
- More information about the visual features - [xViz Gantt Chart - Power BI Advanced Custom Visual](#)

Evaluation Methods Used:

[Microsoft Accessibility Insights for web](#) is used as evaluation tool to perform the accessibility tests as per WCAG. It consists of both automated and manual tests that are done as per the given instructions.



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: The xViz Gantt Chart is a custom visual inside Power BI. The scope of the test was confined to the visual canvas area. The rest of the functionalities belong to the Power BI platform, and not the custom visual.

Criteria	Conformance Level	Remarks and Explanations
1.1.1 Non-text Content (Level A)	Supports	xViz Gantt chart has a tooltip feature which enables users to easily interpret non-text content. All the non-text content hence has a text-alternative.
1.2.1 Audio-only and Video-only (Prerecorded) (Level A)	Not applicable	There is no content in the chart that uses audio-only or video-only media. Hence, this criterion is not applicable.
1.2.2 Captions (Prerecorded) (Level A)	Not applicable	There is no audio and video media in the chart and hence, this criterion is not applicable.
1.2.3 Audio Description or Media Alternative (Prerecorded)	Not applicable	There is no time-based media or prerecorded video content in the chart. Hence not applicable.
1.3.1 Info and Relationships (Level A)	Partially supported	The structure and relationships are programmatically determinable in most cases except for the following cases The chart is not treated as a table. Hence, it's not possible to programmatically determine the correct sequence of information inside the chart. Like above case, since the chart is not coded as a <table> element. Table semantics are failed.
1.3.2 Meaningful Sequence (Level A)	Not supported	The sequence of information gets affected while disabling the CSS positioning attribute. A correct reading sequence cannot be programmatically determined
1.3.3 Sensory Characteristics (Level A)	Not applicable	Since there are no instructions inside the chart, this criterion is not applicable.
1.4.1 Use of Color (Level A)	Supports	Even on switching to gray scale, the chart content makes sense and it's not entirely dependent on color.

Criteria	Conformance Level	Remarks and Explanations
1.4.2 Audio Control (Level A)	Not applicable	There is no audio media in the chart. Hence, this criterion is not applicable.
2.1.1 Keyboard (Level A)	Not applicable	With Keyboard it's possible to navigate through outer elements of the chart. But keyboard navigation is not possible within the charts in Power BI.
2.1.2 No Keyboard Trap (Level A)	Not Applicable	Keyboard navigation not possible within the charts in Power BI.
2.2.1 Timing Adjustable (Level A)	Not applicable	There are no instances of timed events in the chart. Hence, this criterion is not applicable.
2.2.2 Pause, Stop, Hide (Level A)	Not applicable	There are no auto-updating components in the chart. Hence, this criterion is not applicable.
2.3.1 Three Flashes or Below Threshold (Level A)	Not applicable	There are no components in the chart that flash. Hence, this criterion is not applicable.
2.4.1 Bypass Blocks (Level A)	Not applicable	Since the chart deals with only one page at a time, this criterion is not applicable.
2.4.2 Page Titled (Level A)	Supports	There are <title> elements in the chart which describes the purpose of the chart.
2.4.3 Focus Order (Level A)	Not Applicable	Keyboard navigation not possible within the charts in Power BI.
2.4.4 Link Purpose (In Context) (Level A)	Supports	All the links inside the page are programmatically determinable.
3.1.1 Language of Page (Level A)	Supports	The page has a programmatically determinable default language.
3.2.1 On Focus (Level A)	Not Applicable	When focusing on the chart, no component initiates a change of context. Further, keyboard navigation not possible within the charts in Power BI.

Criteria	Conformance Level	Remarks and Explanations
3.2.2 On Input (Level A)	Supports	Changing a component's setting does not trigger any unexpected change of context.
3.3.1 Error Identification (Level A)	Not applicable	No matching instances where an error message is displayed. Inputs in the visual canvas are either using dropdowns or specific datatype.
3.3.2 Labels or Instructions (Level A)	Supports	Within the chart canvas, user input is required only in Advanced Editor (edit mode only) and in the Summary table. Labels are provided to describe what kind of input is expected.
4.1.1 Parsing (Level A)	Supports	The elements in the page have start and end tags and are properly nested. Also, the IDs used in ARIAs and labels are unique and not repeated. IDs of all active elements are unique.
4.1.2 Name, Role, Value (Level A)	Supports	For all the user interface components inside the chart, the name and role are accessible and programmatically determinable.

Table 2: Success Criteria, Level AA

Notes: The xViz Gantt Chart is a custom visual inside Power BI. The scope of the test was confined to the visual canvas area. The rest of the functionalities belong to the Power BI platform, and not the custom visual.

Criteria	Conformance Level	Remarks and Explanations
1.2.4 Captions (Live) (Level AA)	Not applicable	There is no live audio content in the chart. Hence, this criterion is not applicable.
1.2.5 Audio Description (Prerecorded) (Level AA)	Not applicable	There is no prerecorded video in the chart. Hence, this criterion is not applicable.

Criteria	Conformance Level	Remarks and Explanations
1.4.3 Contrast (Minimum) (Level AA)	Not Applicable	The colors used inside the chart are customizable by the user as per their needs.
1.4.4 Resize text (Level AA)	Not supported	On resizing up to 200 percent, there's a blur in the text and it becomes slightly obscured
1.4.5 Images of Text (Level AA)	Not applicable	There are no images of text in the chart. Hence, this criterion is not applicable.
2.4.5 Multiple Ways (Level AA)	Not applicable	Since there's only one page that the chart provides. Hence, this criterion is not applicable.
2.4.6 Headings and Labels (Level AA)	Supports	All the elements that are coded as heading describe a topic or purpose and function as heading.
2.4.7 Focus Visible (Level AA)	Not applicable	Keyboard navigation not possible within the charts in Power BI.
3.1.2 Language of Parts (Level AA)	Partially Supported	There're HTML lang attributes to determine the language used programmatically. However, there're a few instances where it's not present
3.2.3 Consistent Navigation (Level AA)	Not applicable	Since there's only one page that the chart provides. Hence, this criterion is not applicable.
3.2.4 Consistent Identification (Level AA)	Not applicable	Since there's only one page that the chart provides. Hence, this criterion is not applicable.
3.3.3 Error Suggestion (Level AA)	Not applicable	No instances of input where there might be an error. Hence not applicable.
3.3.4 Error Prevention (Legal, Financial, Data) (Level AA)	Not applicable	There is no instance where user might have to submit information that has legal consequences. Hence, this criterion is not applicable.



Table 3: Success Criteria, Level AAA – Does not apply

Notes: Revised Section 508 – Does not apply.

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

Notes: The xViz Gantt Chart is a custom visual inside Power BI. The scope of the test was confined to the visual canvas area. The rest of the functionalities belong to the Power BI platform, and not the custom visual.

Criteria	Conformance Level	Remarks and Explanations
302.1 Without Vision	Not supported	The product is a custom visual for Power BI reporting platform.
302.2 With Limited Vision	Not supported	The product is a custom visual for Power BI reporting platform.
302.3 Without Perception of Color	Supports	As table 1, Success criteria Level A, 1.4.1 Use of color, even with grayscale mode, it's possible to read the chart. Hence supported.
302.4 Without Hearing	Not applicable	There's no audible mode of operation. Hence, this criterion is not applicable.
302.5 With Limited Hearing	Not applicable	There's no audible mode of operation. Hence, this criterion is not applicable.
302.6 Without Speech	Not applicable	No speech input is used. Hence, this criterion is not applicable.
302.7 With Limited Manipulation	Not applicable	This aspect is related to hardware. Hence, this criterion is not applicable.
302.8 With Limited Reach and Strength	Not applicable	This aspect is related to hardware. Hence, this criterion is not applicable.



Criteria	Conformance Level	Remarks and Explanations
302.9 With Limited Language, Cognitive, and Learning Abilities	Not supported	Since this is a custom visualization, it requires visual interpretation skills.

Chapter 4: [Hardware](#) – Not Applicable

Notes: The chart is like the plugin for Power BI which is the actual authoring tool (platform). It is not a hardware and hence this chapter is not applicable to xViz Gantt Enterprise chart.

Chapter 5: [Software](#)

Notes: The xViz Gantt Chart is a custom visual inside Power BI. The scope of the test was confined to the visual canvas area. The rest of the functionalities belong to the Power BI platform, and not the custom visual.

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	Not Applicable	Not applicable because xViz is not a software on its own
503 Applications	Not Applicable	Not applicable because xViz is not a software on its own
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	Supports	All the information is preserved even after converting them into chart.
504.2.2 PDF Export	Supports	PDF exports is possible with Power BI export feature
504.3 Prompts	Not applicable	The chart is like the plugin for Power BI which is the actual authoring tool (platform).
504.4 Templates	Not applicable	The chart is like the plugin for Power BI which is the actual authoring tool (platform).

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

Notes:

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	Partially Supported	Support documentation includes explanations regarding accessibility features that're supported
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	Not applicable	
603 Support Services	Heading cell – no response required	Heading cell – no response required
603.2 Information on Accessibility and Compatibility Features	Not applicable	
603.3 Accommodation of Communication Needs	Not applicable	