

WCAG 2.2 Understanding Docs

Informative explanations, not required to meet WCAG



Web Accessibility
Initiative WAI

[About WCAG Understanding Docs](#)

All Understanding Docs

Page Contents

[Perceivable\(↗ #perceivable\)](#)

[Operable\(↗ #operable\)](#)

[Understandable\(↗ #understandable\)](#)

[Robust\(↗ #robust\)](#)

[Other Understanding Documents\(↗ #other\)](#)

All WCAG 2.2 Understanding Docs

Summary

Understanding documents provide detailed explanations for Web Content Accessibility Guidelines (WCAG) guidelines and success criteria. They are informative, not part of the "normative" WCAG standard. For information, see [About WCAG Understanding Documents](#).

Perceivable

1.1 Text Alternatives

- [1.1.1 Non-text Content](#)

1.2 Time-based Media

- [1.2.1 Audio-only and Video-only \(Prerecorded\)](#)

- 1.2.2 Captions (Prerecorded)
- 1.2.3 Audio Description or Media Alternative (Prerecorded)
- 1.2.4 Captions (Live)
- 1.2.5 Audio Description (Prerecorded)
- 1.2.6 Sign Language (Prerecorded)
- 1.2.7 Extended Audio Description (Prerecorded)
- 1.2.8 Media Alternative (Prerecorded)
- 1.2.9 Audio-only (Live)

1.3 Adaptable

- 1.3.1 Info and Relationships
- 1.3.2 Meaningful Sequence
- 1.3.3 Sensory Characteristics
- 1.3.4 Orientation
- 1.3.5 Identify Input Purpose
- 1.3.6 Identify Purpose

1.4 Distinguishable

- 1.4.1 Use of Color
- 1.4.2 Audio Control
- 1.4.3 Contrast (Minimum)
- 1.4.4 Resize Text
- 1.4.5 Images of Text
- 1.4.6 Contrast (Enhanced)
- 1.4.7 Low or No Background Audio
- 1.4.8 Visual Presentation
- 1.4.9 Images of Text (No Exception)
- 1.4.10 Reflow
- 1.4.11 Non-text Contrast

- [1.4.12 Text Spacing](#)
- [1.4.13 Content on Hover or Focus](#)

Operable

2.1 Keyboard Accessible

- [2.1.1 Keyboard](#)
- [2.1.2 No Keyboard Trap](#)
- [2.1.3 Keyboard \(No Exception\)](#)
- [2.1.4 Character Key Shortcuts](#)

2.2 Enough Time

- [2.2.1 Timing Adjustable](#)
- [2.2.2 Pause, Stop, Hide](#)
- [2.2.3 No Timing](#)
- [2.2.4 Interruptions](#)
- [2.2.5 Re-authenticating](#)
- [2.2.6 Timeouts](#)

2.3 Seizures and Physical Reactions

- [2.3.1 Three Flashes or Below Threshold](#)
- [2.3.2 Three Flashes](#)
- [2.3.3 Animation from Interactions](#)

2.4 Navigable

- [2.4.1 Bypass Blocks](#)
- [2.4.2 Page Titled](#)

- [2.4.3 Focus Order](#)
- [2.4.4 Link Purpose \(In Context\)](#)
- [2.4.5 Multiple Ways](#)
- [2.4.6 Headings and Labels](#)
- [2.4.7 Focus Visible](#)
- [2.4.8 Location](#)
- [2.4.9 Link Purpose \(Link Only\)](#)
- [2.4.10 Section Headings](#)
- [2.4.11 Focus Not Obscured \(Minimum\)](#)
- [2.4.12 Focus Not Obscured \(Enhanced\)](#)
- [2.4.13 Focus Appearance](#)

2.5 Input Modalities

- [2.5.1 Pointer Gestures](#)
- [2.5.2 Pointer Cancellation](#)
- [2.5.3 Label in Name](#)
- [2.5.4 Motion Actuation](#)
- [2.5.5 Target Size \(Enhanced\)](#)
- [2.5.6 Concurrent Input Mechanisms](#)
- [2.5.7 Dragging Movements](#)
- [2.5.8 Target Size \(Minimum\)](#)

Understandable

3.1 Readable

- [3.1.1 Language of Page](#)
- [3.1.2 Language of Parts](#)
- [3.1.3 Unusual Words](#)

- 3.1.4 Abbreviations
- 3.1.5 Reading Level
- 3.1.6 Pronunciation

3.2 Predictable

- 3.2.1 On Focus
- 3.2.2 On Input
- 3.2.3 Consistent Navigation
- 3.2.4 Consistent Identification
- 3.2.5 Change on Request
- 3.2.6 Consistent Help

3.3 Input Assistance

- 3.3.1 Error Identification
- 3.3.2 Labels or Instructions
- 3.3.3 Error Suggestion
- 3.3.4 Error Prevention (Legal, Financial, Data)
- 3.3.5 Help
- 3.3.6 Error Prevention (All)
- 3.3.7 Redundant Entry
- 3.3.8 Accessible Authentication (Minimum)
- 3.3.9 Accessible Authentication (Enhanced)

Robust

4.1 Compatible

- 4.1.1 Parsing (Obsolete and removed)
- 4.1.2 Name, Role, Value

- [4.1.3 Status Messages](#)

Other Understanding documents

- [Introduction to Understanding WCAG 2.2](#)
- [Understanding Techniques for WCAG 2.2 Success Criteria](#)
- [Understanding Test Rules for WCAG 2.2 Success Criteria](#)
- [Understanding Conformance](#)
- [How to Refer to WCAG 2.2 from Other Documents](#)
- [Documenting Accessibility Support for Uses of a Web Technology](#)
- [Understanding Metadata](#)

Date: Updated 11 February 2026.

Developed by Accessibility Guidelines Working Group (AG WG) Participants (<https://www.w3.org/groups/wg/ag/participants>) (Co-Chairs: Adam Page, Alastair Campbell, Rachael Bradley Montgomery. W3C Staff Contact: Kevin White).

The content was developed as part of the [WAI-Core projects](https://www.w3.org/WAI/about/projects/#us) (<https://www.w3.org/WAI/about/projects/#us>) funded by U.S. Federal funds. The user interface was designed by the Education and Outreach Working Group ([EOWG](https://www.w3.org/groups/wg/eowg/participants) (<https://www.w3.org/groups/wg/eowg/participants>)) with contributions from Shadi Abou-Zahra, Steve Lee, and Shawn Lawton Henry as part of the [WAI-Guide](https://www.w3.org/WAI/about/projects/wai-guide/) (<https://www.w3.org/WAI/about/projects/wai-guide/>) project, co-funded by the European Commission.

W3C Web Accessibility Initiative (WAI) (<https://www.w3.org/WAI/>)

Strategies, standards, resources to make the Web accessible to people with disabilities

 [Get News in Email](https://www.w3.org/WAI/news/subscribe/) (<https://www.w3.org/WAI/news/subscribe/>)

 [LinkedIn](https://www.linkedin.com/company/w3c-wai/) (<https://www.linkedin.com/company/w3c-wai/>)  [Mastodon](https://w3c.social/@wai) (<https://w3c.social/@wai>)

 [YouTube](https://www.youtube.com/channel/UCU6ljj3m1fglIPjSjs2DpRA/playlists/) (<https://www.youtube.com/channel/UCU6ljj3m1fglIPjSjs2DpRA/playlists/>)

[Home](https://www.w3.org/WAI/) (<https://www.w3.org/WAI/>) [Contact](https://www.w3.org/WAI/about/contacting/) (<https://www.w3.org/WAI/about/contacting/>)

[Site map](https://www.w3.org/WAI/sitemap/) (<https://www.w3.org/WAI/sitemap/>) [Support WAI](https://www.w3.org/WAI/about/support/) (<https://www.w3.org/WAI/about/support/>)

[News](https://www.w3.org/WAI/news/) (<https://www.w3.org/WAI/news/>)

[Accessibility statement](https://www.w3.org/WAI/about/accessibility-statement/) (<https://www.w3.org/WAI/about/accessibility-statement/>)

[All Translations](https://www.w3.org/WAI/translations/) (<https://www.w3.org/WAI/translations/>)

[Resources for roles \(https://www.w3.org/WAI/roles/\)](https://www.w3.org/WAI/roles/)

Copyright © 2026 [World Wide Web Consortium \(https://www.w3.org/\)](https://www.w3.org/).

[W3C® liability \(https://www.w3.org/policies/#disclaimers\)](https://www.w3.org/policies/#disclaimers), [trademark \(https://www.w3.org/policies/#trademarks\)](https://www.w3.org/policies/#trademarks) and [permissive license \(https://www.w3.org/copyright/software-license/\)](https://www.w3.org/copyright/software-license/) rules apply unless otherwise noted. See [Permission to Use WAI Material \(https://www.w3.org/WAI/about/using-wai-material/\)](https://www.w3.org/WAI/about/using-wai-material/).