

# Comprehensive Accessibility Evaluation

The Web Content Accessibility Guidelines (WCAG) were created by the World Wide Web Consortium as a list of standards to follow when creating online materials. Meeting the guidelines will help you ensure that your web content is accessible by all users and that all users are guaranteed an equally meaningful learning experience.

## Alternative Texts:

- Text alternatives are present for all images.
- Text alternatives are present for all videos.
- Text alternatives are present for all audio.
- Names are used for all controls (Search, Submit, etc.).
- Instructions are given by text instead of (or in addition to) audio.

## Additional Audio and Video:

- Audio tracks are present for any video-only presentations.
- Closed captioning is present.
- Visual cues, descriptions, and dialogue attributions are included for videos, if needed to help provide context.
- Audio is controlled by user and is not automatic.

## Organization and Reading Order:

- Page titles, headings, and subheadings are used as needed to organize information and indicate new sections.
- Headings are marked with HTML header tags.
- Clear labels are used on any forms.
- Navigation menus are separated from text.
- Paragraphs are in appropriate sequence.
- Assistive technology is set up to read text in intended order.
- Site is fully accessible with keyboard only (mouse not required for navigation).
- “Skip to content” link is present.

## Timing and Movement:

- No features require timed keystrokes such as a double click.
- No time controlled content is used—or, if time controlled content exists, users have the option to turn it off or delay it.
- User controls are in place for any moving/animated content (i.e. blinking, flashing, moving around, auto-updating).

## Color:

- Appropriate contrast ratio exists between text and background.
- Appropriate readability of text on images.
- Appropriate contrast of icons or buttons against background.
- Appropriate contrast and distinguishable colors in maps and/or images.
- Content including text and graphics does not rely on color alone (e.g. instructions).