

## Ally Accessibility Checklist

### PDF

- The PDF is malformed
- The PDF is encrypted
- The PDF is scanned
  - WCAG 2.0 - 1.4.5 Images of text
- The PDF is untagged
  - WCAG 2.0 - 1.3.1 Info and Relationships
  - WCAG 2.0 - 1.3.2 Meaningful Sequence
- The PDF does not have a language set
  - WCAG 2.0 - 3.1.1 Language of Page
- The PDF does not have the correct language set
  - WCAG 2.0 - 3.1.1 Language of Page
- The PDF has images without alternative descriptions
  - WCAG 2.0 - 1.1.1 Non-text Content
- The PDF has contrast issues
  - WCAG 2.0 - 1.4.3 Contrast (Minimum)
  - WCAG 2.0 - 1.4.6 Contrast (Enhanced)
- The PDF does not have any headers
  - WCAG 2.0 - 1.3.1 Info and Relationships
- The PDF does not have an appropriate heading structure
  - WCAG 2.0 - 1.3.1 Info and Relationships
- The PDF's heading structure does not start at one
  - WCAG 2.0 - 1.3.1 Info and Relationships
- The PDF's heading structure goes beyond six levels
  - WCAG 2.0 - 1.3.1 Info and Relationships
- The PDF has tables that don't have any headings
  - WCAG 2.0 - 1.3.1 Info and Relationships
- The PDF does not have a title
  - WCAG 2.0 – 2.4.2 Page Titled

### Office documents (Office Word, Office PowerPoint, LibreOffice Writer, LibreOffice Impress)

- The document is malformed
- The document does not have a language set
  - WCAG 2.0 - 3.1.1 Language of Page
- The document does not have the correct language set
  - WCAG 2.0 - 3.1.1 Language of Page
- The document has images without alternative descriptions
  - WCAG 2.0 - 1.1.1 Non-text Content
- The document has contrast issues

- WCAG 2.0 - 1.4.3 Contrast (Minimum)
- WCAG 2.0 - 1.4.6 Contrast (Enhanced)
- The document does not have any headers
  - WCAG 2.0 - 1.3.1 Info and Relationships
- The document does not have an appropriate heading structure
  - WCAG 2.0 - 1.3.1 Info and Relationships
- The document heading structure does not start at one
  - WCAG 2.0 - 1.3.1 Info and Relationships
- The document's heading structure goes beyond six levels
  - WCAG 2.0 - 1.3.1 Info and Relationships
- The document has tables that don't have any headings
  - WCAG 2.0 - 1.3.1 Info and Relationships

## Images

- The image can induce seizures
  - WCAG 2.0 - 2.3 Seizures
- The image does not have an alternative description
  - WCAG 2.0 - 1.1.1 Non-text Content
- The image has text that is not part of the alternative description
  - WCAG 2.0 - 1.4.5 Images of text
- The image has contrast issues
  - WCAG 2.0 - 1.4.3 Contrast (Minimum)
  - WCAG 2.0 - 1.4.6 Contrast (Enhanced)

## HTML

- Accesskey attribute value must be unique
  - WCAG 2.0 - 2.1.1 Keyboard
- Active <area> elements must have alternate text
  - WCAG 2.0 - 1.1.1 Non-text Content
- Elements must only use allowed ARIA attributes
  - WCAG 2.0 - 4.1.1 Parsing
  - WCAG 2.0 - 4.1.2 Name, Role, Value
- Required ARIA attributes must be provided
  - WCAG 2.0 - 4.1.1 Parsing
  - WCAG 2.0 - 4.1.2 Name, Role, Value
- Certain ARIA roles must contain particular children
  - WCAG 2.0 - 1.3.1 Info and Relationships
- Certain ARIA roles must be contained by particular parents
  - WCAG 2.0 - 1.3.1 Info and Relationships
- ARIA roles used must conform to valid values
  - WCAG 2.0 - 1.3.1 Info and Relationships
  - WCAG 2.0 - 4.1.1 Parsing

- WCAG 2.0 - 4.1.2 Name, Role, Value
- ARIA attributes must conform to valid names
  - WCAG 2.0 - 4.1.1 Parsing
- ARIA attributes must conform to valid values
  - WCAG 2.0 - 1.3.1 Info and Relationships
  - WCAG 2.0 - 4.1.1 Parsing
  - WCAG 2.0 - 4.1.2 Name, Role, Value
- <audio> elements must have a <track> for captions
  - WCAG 2.0 - 1.2.2 Captions (Prerecorded)
- <blink> elements are deprecated and must not be used
  - WCAG 2.0 - 2.2.2 Pause, Stop, Hide
- Buttons must have discernible text
  - WCAG 2.0 - 4.1.2 Name, Role, Value
- Page must have a way to bypass repeated blocks of content
  - WCAG 2.0 - 2.4.1 Bypass Blocks
- Checkbox inputs with the same name attribute value must be part of a group
- Text elements must have sufficient color contrast against the background
  - WCAG 2.0 - 1.4.3 Contrast (Minimum)
- <dl> elements must only directly contain properly-ordered <dt> and <dd> groups, <script> or <template> elements (*Minor*)
  - WCAG 2.0 - 1.3.1 Info and Relationships
- <dt> and <dd> elements must be contained by a <dl>
  - WCAG 2.0 - 1.3.1 Info and Relationships
- id attribute value must be unique
  - WCAG 2.0 - 2.4.2 Page titled
- Headings should be present
- Headings should not be empty
  - WCAG 2.0 – 2.4.6 Headings and Labels
- Frames must have unique title attribute
  - WCAG 2.0 - 2.4.1 Bypass Blocks
- <html> element must have a lang attribute
  - WCAG 2.0 - 3.1.1
- Heading levels should only increase by one
- Images must have alternate text
  - WCAG 2.0 - 1.1.1 Non-text Content
- Text of buttons and links should not be repeated in the image alternative
- Image buttons must have alternate text
  - WCAG 2.0 - 1.1.1 Non-text Content
- Form elements must have labels
  - WCAG 2.0 - 1.3.1 Info and Relationships
  - WCAG 2.0 - 3.3.2 Labels or Instructions
- Form elements should have a visible label
- <html> element must have a valid value for the lang attribute

- WCAG 2.0 - 3.1.1 Language of Page
- Layout tables must not use data table elements
  - WCAG 2.0 - 1.3.1 Info and Relationships
- Links must be distinguished from surrounding text in a way that does not rely on color
  - WCAG 2.0 - 1.4.1 Use of Color
- Links must have discernible text
  - WCAG 2.0 - 1.1.1 Non-text Content
  - WCAG 2.0 - 4.1.2 Name, Role, Value
- <ul> and <ol> must only directly contain <li> content elements
  - WCAG 2.0 - 1.3.1 Info and Relationships
- <li> elements must be contained in a <ul> or <ol>
  - WCAG 2.0 - 1.3.1 Info and Relationships
- <marquee> elements are deprecated and must not be used
  - WCAG 2.0 - 2.2.2 Pause, Stop, Hide
- Timed refresh must not exist
  - WCAG 2.0 - 2.2.1 Timing Adjustable
  - WCAG 2.0 - 2.2.4 Interruptions
  - WCAG 2.0 - 3.2.5 Change on Request
- Zooming and scaling must not be disabled (2x)
  - WCAG 2.0 - 1.4.4 Resize text
- Zooming and scaling should allow maximum scale of 5
- <object> elements must have alternate text
  - WCAG 2.0 - 1.1.1 Non-text Content
- Radio inputs with the same name attribute value must be part of a group
- Content should be contained in a landmark region
- scope attribute should be used correctly on tables
- Server-side image maps must not be used
  - WCAG 2.0 - 2.1.1 Keyboard
- The page should have a skip link as its first link
- Elements should not have tabindex greater than zero
- The <caption> element should not contain the same text as the summary attribute
- Data or header cells should not be used to give caption to a data table
  - WCAG 2.0 - 1.3.1 Info and Relationships
- All non-empty <td> elements in a table larger than 3 by 3 must have an associated table header
  - WCAG 2.0 - 1.3.1 Info and Relationships
- All cells in a <table> element that use the headers attribute must only refer to other cells of that same table
  - WCAG 2.0 - 1.3.1 Info and Relationships
- All <th> elements and elements with role=columnheader/rowheader must have data cells they describe
  - WCAG 2.0 - 1.3.1 Info and Relationships
- Documents must have <title> element to aid in navigation

- WCAG 2.0 - 2.4.2 Page titled
- lang attribute must have a valid value
  - WCAG 2.0 - 3.1.2 Language of Parts
- <video> elements must have a <track> for captions
  - WCAG 2.0 - 1.2.2 Audio-only and Video-only (Prerecorded)
  - WCAG 2.0 - 1.2.3 Audio Description or Media Alternative (Prerecorded)
- <video> elements must have an audio description track
  - WCAG 2.0 - 1.2.5 Audio Description (Prerecorded)