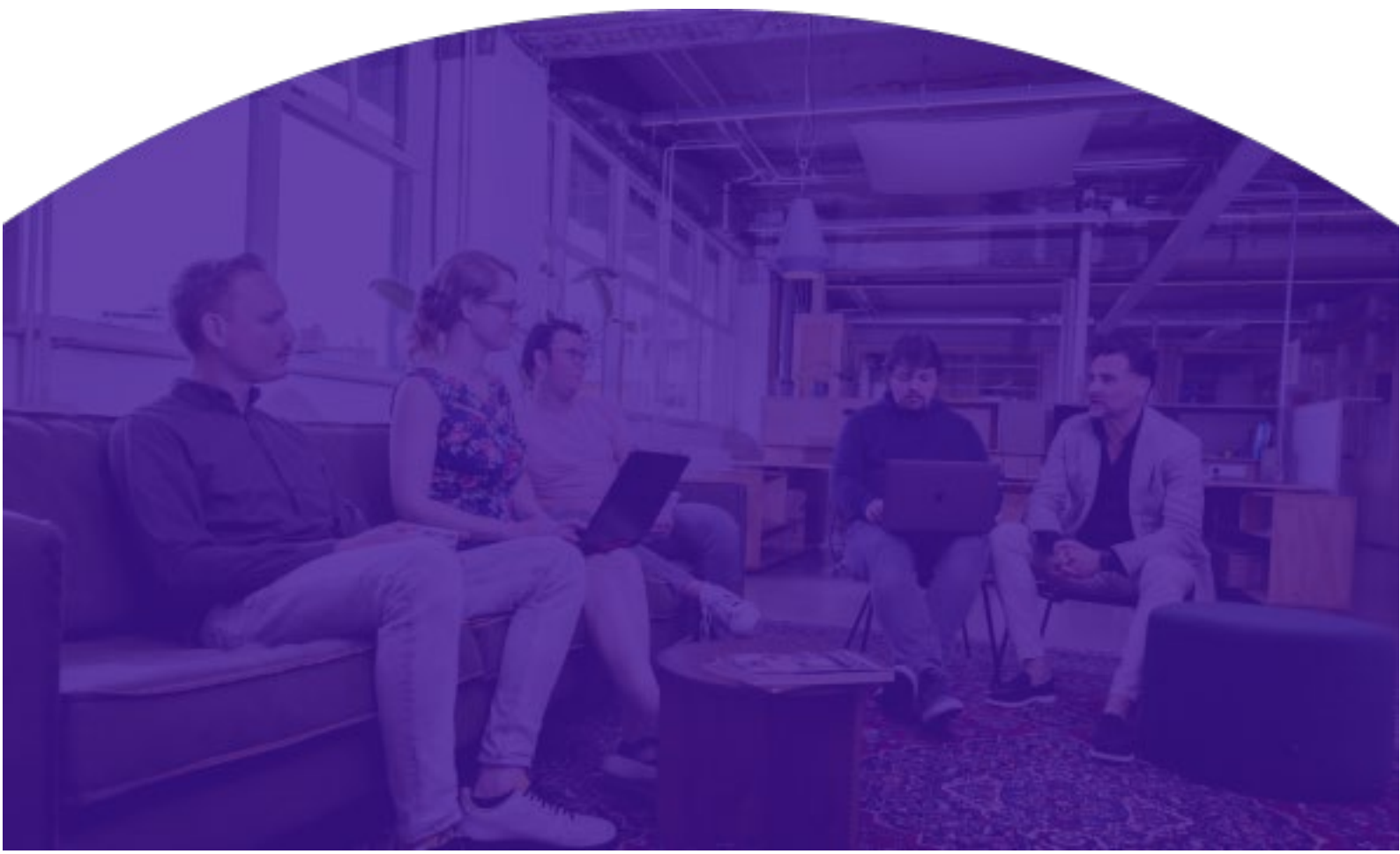




Technical Accessibility Report WCAG 2.2

Studytube - accessibilityaudit.studytube.nl

20-11-2024



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Introduction

At the request of Studytube, the provider of website accessibilityaudit.studytube.nl, an investigation has been conducted to determine the extent to which the website complies with the applied standard: WCAG 2.2, levels A & AA.

The investigation was carried out according to the guidelines based on the "waarmerk drempelvrij.nl," the Dutch quality mark for accessible websites.

WCAG stands for Web Content Accessibility Guidelines, in short, the international guidelines for user-friendliness for those who have limitations while using the internet.

WCAG 2.2 is divided into the 4 principles:

1. Perceivable
2. Operable
3. Understandable
4. Robust

Each principle consists of several guidelines. These guidelines contain success criteria that the inspected website must meet.

This report includes all principles, guidelines, and success criteria related to the technical aspects of an accessible website. This includes 48 out of 55 success criteria defined in the WCAG 2.2 standards.

Success criteria 1.3.3 (Sensory Characteristics), 1.4.5 (Images of Text) and all 5 level A and AA success criteria from Guideline 1.2 (Time-based Media) are omitted, since they solely pertain content.

Questions or comments about this document?

If you have any questions while reading this document, you can contact us using the following information:

Telephone: [010 - 304 50 40](tel:010-3045040)

E-mail address: info@accessibleminds.nl

or read more about digital accessibility on www.accessibleminds.nl

Research data

General information

Client	Studytube
Researched website	accessibilityaudit.studytube.nl
Type of research	WCAG 2.2 level AA
Version of report	1.0
Date report (D-M-Y)	20-11-2024
Assessor	Mariska Booister
Inspection by	Accessible Minds B.V.

Applied standard

WCAG 2.2 (<https://www.w3.org/TR/WCAG22/>).

Inspection method

This inspection was carried out according to the evaluation method WCAG-EM. More can be read about this method at:

<https://www.w3.org/WAI/test-evaluate/conformance/wcag-em>

Scope of the inspection

- All pages on accessibilityaudit.studytube.nl (URI basis), with emphasis on the pages specified by Studytube
- No pages on external websites that are linked from the inspected pages
- No third-party content
- No course pages such as <https://accessibilityaudit.studytube.nl/player/courses/10218/topics/67044> (scope of an upcoming partial inspection)

Samples

Sample pages

The following pages have been inspected by the applied standard (WCAG 2.2):

1. <https://login.studytube.nl/>
2. <https://accessibilityaudit.studytube.nl/discover>
3. <https://accessibilityaudit.studytube.nl/library/online-learning>
4. <https://accessibilityaudit.studytube.nl/library/micro-learning>
5. <https://accessibilityaudit.studytube.nl/library/all-learning?query=te>
6. <https://accessibilityaudit.studytube.nl/library/events>
7. <https://accessibilityaudit.studytube.nl/courses/10218/sleep-better-in-five-weeks>
8. <https://accessibilityaudit.studytube.nl/events/88357>
9. <https://accessibilityaudit.studytube.nl/events/88357/registration?isEventPrivate=false>
10. <https://accessibilityaudit.studytube.nl/collections/4140>
11. <https://accessibilityaudit.studytube.nl/learning-tracks/34862> *
12. <https://accessibilityaudit.studytube.nl/my-learning> *
13. <https://accessibilityaudit.studytube.nl/my-learning/bookmarks> *
14. <https://accessibilityaudit.studytube.nl/my-learning/active> * *
15. <https://accessibilityaudit.studytube.nl/history> * *
16. <https://accessibilityaudit.studytube.nl/achievements/certificates>

*After adding bookmarks from micro learnings, online courses, events, collections and learning tracks

** After starting various courses and marking some as finished

Basic level of accessibility support

Common web browsers and auxiliary devices

User Agents

The following browsers were used in this inspection:

1. Google Chrome, version 129
2. Mozilla Firefox, version 131 | Primary
3. Microsoft Edge, version 129

Tools

The following reading software was used in this inspection:

1. NVDA on Mozilla Firefox
2. VoiceOver in combination with Apple Safari

Extensions

The following extension(s) were used in this inspection:

- Axe Dev Tools - Mozilla Firefox & Google Chrome
- <https://webaim.org/resources/contrastchecker/>

Dependent technology

The inspected website makes use of the following technologies:

- HTML
- CSS
- JavaScript
- DOM
- WAI-ARIA
- SVG

Recap

The inspection of the website accessibilityaudit.studytube.nl concluded on 20-11-2024. This examination was conducted according to the WCAG guidelines found on www.drempelvrij.nl. The standard used for this inspection is WCAG 2.2, with the focus on level A & AA.

This report provides examples where issues were identified. However, it is not an exhaustive list. The research is indicative of various types of problems, meaning that one or more similar issues may also be present in other parts of the website.

The inspection is conducted on a sampling basis. This means that some parts of the website may not have been assessed but still require changes to comply with the guidelines on www.drempelvrij.nl. It is possible that new issues will be identified in reinspection.

When improvements or changes are made to the website, it should be noted that these adjustments may introduce new issues. It is recommended to have a new inspection conducted for these specific adjustments to ensure compliance with the established standards once again.

Technical inspection note

Due to the entire guideline 1.2 Time-based Media being about content related issues, this guideline has been removed from this technical report. It's important to note that, while providing subtitles, transcripts and audio descriptions are the responsibility of the content creator and not the website builders, it should not be forgotten that the system still needs to allow for these to be added or linked with the video.

Result

At this moment, the website meets 48 out of 48 success criteria.

The pages in the scope of this inspection are an impressive example of how a pleasing web design and complex functionalities do not have to suffer to be accessible.

All texts comply by the minimum contrast, but most of them far surpass the minimum for an even better user experience, both for people with and without disabilities. A multitude of different overviews with filters, search options and additional information on hover are all made fully accessible by both pointer and keyboard, with every element and interaction appropriately labelled to make all necessary information available through assistive software. Even easily forgotten interfaces such as the login screen and the dialog with the cookie options are fully covered by the WCAG 2.2 criteria.

In short, the pages within this scope score full marks and are fully compliant with all technical success criteria of WCAG 2.2.

Evaluation

Below is an overview of all success criteria according to WCAG 2.2 levels A & AA. This overview is divided into the 4 principles: perceivable, operable, understandable, and robust. For each success criterion, it is indicated whether it belongs to level A or level AA and whether the website complies with it.

Explanation of evaluation

In the tables below (perceivable, operable, understandable, and robust), the component CT is identified in the last column. This component provides an assessment of whether the success criterion requires a certain type of adjustment. The available types (indicated in the form of letters) are explained in the table below:

C	The success criterion relates to content (not present in this report)
T	The success criterion relates to technology.
CT	The success criterion relates to both content and technology.

Perceivable

Succes criterium	Description	Level	Result	CT
1.1.1	Non-text Content	A	Compliant	CT
1.3.1	Info and Relationships	A	Compliant	CT
1.3.2	Meaningful Sequence	A	Compliant	CT
1.3.4	Orientation	AA	Compliant	T
1.3.5	Identify Input Purpose	AA	Compliant	T
1.4.1	Use of Colour	A	Compliant	CT
1.4.2	Audio Control	A	Compliant	CT
1.4.3	Contrast (minimum)	AA	Compliant	CT
1.4.4	Resize text	AA	Compliant	T
1.4.10	Reflow	AA	Compliant	CT

Succes criterium	Description	Level	Result	CT
1.4.11	Non-text Contrast	AA	Compliant	CT
1.4.12	Text Spacing	AA	Compliant	T
1.4.13	Content on Hover or Focus	AA	Compliant	T

Operable

Succes criterium	Description	Level	Result	CT
2.1.1	Keyboard	A	Compliant	T
2.1.2	No Keyboard Trap	A	Compliant	CT
2.1.4	Character Key Shortcuts	A	Compliant	CT
2.2.1	Timing Adjustable	A	Compliant	T
2.2.2	Pause, Stop, Hide	A	Compliant	CT

Succes criterium	Description	Level	Result	CT
2.3.1	Three Flashes or Below Threshold	A	Compliant	CT
2.4.1	Bypass Blocks	A	Compliant	T
2.4.2	Page Titled	A	Compliant	CT
2.4.3	Focus Order	A	Compliant	T
2.4.4	Link Purpose (In Context)	A	Compliant	CT
2.4.5	Multiple Ways	AA	Compliant	T
2.4.6	Headings and Labels	AA	Compliant	CT
2.4.7	Focus visible	AA	Compliant	T
2.4.11	Focus Not Obscured	AA	Compliant	T
2.5.1	Pointer Gestures	A	Compliant	T
2.5.2	Pointer Cancellation	A	Compliant	T

Succes criterium	Description	Level	Result	CT
2.5.3	Label in Name	A	Compliant	CT
2.5.4	Motion Actuation	A	Compliant	T
2.5.7	Dragging movements	AA	Compliant	T
2.5.8	Target size	AA	Compliant	CT

Understandable

Succes criterium	Description	Level	Result	CT
3.1.1	Language of Page	A	Compliant	CT
3.1.2	Language of Parts	AA	Compliant	CT
3.2.1	On Focus	A	Compliant	T
3.2.2	On Input	A	Compliant	T

Succes criterium	Description	Level	Result	CT
3.2.3	Consistent Navigation	AA	Compliant	T
3.2.4	Consistent Identification	AA	Compliant	CT
3.2.6	Consistent help	A	Compliant	T
3.3.1	Error Identification	A	Compliant	CT
3.3.2	Labels or Instructions	A	Compliant	CT
3.3.3	Error Suggestion	AA	Compliant	CT
3.3.4	Error Prevention (Legal, Financial, Data)	AA	Compliant	T
3.3.7	Redundant Entry	A	Compliant	CT
3.3.8	Accessible authentication (Minimum)	AA	Compliant	T

Robust

Succes criterium	Description	Level	Result	CT
4.1.2	Name, Role, Value	A	Compliant	CT
4.1.3	Status Messages	AA	Compliant	T

Results

The table below shows how many success criteria are compliant with WCAG 2.2 standards, split by the four core principles and the relation of each Success criterion to content, technique or both.

	Content	Technology	Content & Technology	Total
Perceivable	N/A	5/5	8/8	13/13
Operable	-	11/11	9/9	20/20
Understandable	-	6/6	7/7	13/13
Robust	-	1/1	1/1	2/2
Total	N/A	23/23	25/25	48/48

Principles, guidelines, and success criterion

Principle 1: Perceivable

Information and user interface components must be presentable to users in ways they can perceive.

Guideline 1.1: Text Alternatives

Provide text alternatives for any non-text content so that it can be changed into other forms people need, such as large print, braille, speech, symbols, or simpler language.

Success criterion 1.1.1: Non-text Content (level A)

All non-text content that is presented to the user has a text alternative that serves the equivalent purpose, except for the situations listed below.

- **Controls, Input:** If non-text content is a control or accepts user input, then it has a name that describes its purpose. (Refer to [Success Criterion 4.1.2](#) for additional requirements for interactive elements)
- **Time-Based Media:** If non-text content is time-based media, then text alternatives at least provide descriptive identification of the non-text content. (Refer to Guideline 1.2 for additional requirements for media.)

- **Test:** If non-text content is a test or exercise that would be invalid if presented in text, then text alternatives at least provide descriptive identification of the non-text content.
- **Sensory:** If non-text content is primarily intended to create a specific sensory experience, then text alternatives at least provide descriptive identification of the non-text content.
- **CAPTCHA:** If the purpose of non-text content is to confirm that content is being accessed by a person rather than a computer, then text alternatives that identify and describe the purpose of the non-text content are provided, and alternative forms of CAPTCHA using output modes for different types of sensory perception are provided to accommodate different disabilities.
- **Decoration, Formatting, Invisible:** If non-text content is pure decoration, is used only for visual formatting, or is not presented to users, then it is implemented in a way that it can be ignored by assistive technology.

Result: Compliant

Guideline 1.3: Adaptable

Create content that can be presented in different ways (for example simpler layout) without losing information or structure.

Success criterion 1.3.1: Info and relationships (level A)

Information, structure, and relationships conveyed through presentation can be programmatically determined or are available in text.

Result: **Compliant**

Success criterion 1.3.2: Meaningful Sequence (level A)

When the sequence in which content is presented affects its meaning, a correct reading sequence can be programmatically determined.

Result: **Compliant**

Success criterion 1.3.4: Orientation (level AA)

Content does not restrict its view and operation to a single display orientation, such as portrait or landscape, unless a specific display orientation is essential.

Result: **Compliant**

Success criterion 1.3.5: Identify Input Purpose (level AA)

The purpose of each input field collecting information about the user can be programmatically determined when:

- The input field serves a purpose identified in the [Input Purposes for User Interface Components](#) section; and
- The content is implemented using technologies with support for identifying the expected meaning for form input data.

Result: Compliant

Guideline 1.4: Distinguishable

Make it easier for users to see and hear content including separating foreground from background.

Success criterion 1.4.1: Use of Colour (level A)

Colour is not used as the only visual means of conveying information, indicating an action, prompting a response, or distinguishing a visual element.

Result: Compliant

Success criterion 1.4.2: Audio Control (level A)

If any audio on a web page plays automatically for more than 3 seconds, either a mechanism is available to pause or stop the audio, or a mechanism is available to control audio volume independently from the overall system volume level.

Result: Compliant

Success criterion 1.4.3: Contrast (minimum) (level AA)

The visual presentation of text and images of text has a contrast ratio of at least 4.5:1, except for the following:

- **Large Text:** Large-scale text and images of large-scale text have a contrast ratio of at least 3:1;
- **Incidental:** Text or images of text that are part of an inactive user interface component, which are pure decoration, which are not visible to anyone, or that are part of a picture that contains significant other visual content, have no contrast requirement.
- **Logotypes:** Text that is part of a logo or brand name has no contrast requirement.

Result: Compliant

Success criterion 1.4.4: Resize text (level AA)

Except for captions and images of text, text can be resized without assistive technology up to 200 percent without loss of content or functionality.

Result: Compliant

Success criterion 1.4.10: Reflow (level AA)

Content can be presented without loss of information or functionality, and without requiring scrolling in two dimensions for:

- Vertical scrolling content at a width equivalent to 320 CSS pixels.
- Horizontal scrolling content at a height equivalent to 256 CSS pixels.

Except for parts of the content which require two-dimensional layout for usage or meaning.

Result: Compliant

Success criterion 1.4.11: Non-text Contrast (level AA)

The visual presentation of the following has a contrast ratio of at least 3:1 against adjacent colour(s):

- **User Interface Components:** Visual information required to identify user interface components and states, except for inactive components or where the appearance of the component is determined by the user agent and not modified by the author
- **Graphical Objects:** Parts of graphics required to understand the content, except when a particular presentation of graphics is essential to the information being conveyed

Result: Compliant

Success criterion 1.4.12: Text Spacing (level AA)

In content implemented using markup languages that support the following text style properties, no loss of content or functionality occurs by setting all of the following and by changing no other style property:

- Line height (line spacing) to at least 1.5 times the font size;
- Spacing following paragraphs to at least 2 times the font size;
- Letter spacing (tracking) to at least 0.12 times the font size;
- Word spacing to at least 0.16 times the font size.

Exception: Human languages and scripts that do not make use of one or more of these text style properties in written text can conform using only the properties that exist for that combination of language and script.

Result: Compliant

Success criterion 1.4.13: Content on Hover or Focus (level AA)

Where receiving and then removing pointer hover or keyboard focus triggers additional content to become visible and then hidden, the following are true:

- **Dismissible:** A mechanism is available to dismiss the additional content without moving pointer hover or keyboard focus unless the additional content communicates an input error or does not obscure or replace other content.
- **Hoverable:** If pointer hover can trigger the additional content, then the pointer can be moved over the additional content without the additional content disappearing.
- **Persistent:** The additional content remains visible until the hover or focus trigger is removed, the user dismisses it, or its information is no longer valid

Exception: The visual presentation of the additional content is controlled by the user agent and is not modified by the author.

Result: Compliant

Principle 2: Operable

User interface components and navigation must be operable.

Guideline 2.1: Keyboard Accessible

Make all functionality available from a keyboard.

Success criterion 2.1.1: Keyboard (level A)

All functionality of the content is operable through a keyboard interface without requiring specific timings for individual keystrokes, except where the underlying function requires input that depends on the path of the user's movement and not just the endpoints.

Result: Compliant

Success criterion 2.1.2: No Keyboard Trap (level A)

If keyboard focus can be moved to a component of the page using a keyboard interface, then focus can be moved away from that component using only a keyboard interface, and, if it requires more than unmodified arrow or tab keys or other standard exit methods, the user is advised of the method for moving focus away.

Result: Compliant

Success criterion 2.1.4: Character Key Shortcuts (level A)

If a keyboard shortcut is implemented in content using only letter (including upper- and lower-case letters), punctuation, number, or symbol characters, then at least one of the following is true:

- **Turn off:** A mechanism is available to turn the shortcut off.
- **Remap:** A mechanism is available to remap the shortcut to use one or more non-printable keyboard characters (e.g., Ctrl, Alt, etc.)
- **Active only on focus:** The keyboard shortcut for a user interface component is only active when that component has focus.

Result: Compliant

Guideline 2.2: Enough Time

Provide users enough time to read and use content.

Success criterion 2.2.1: Timing Adjustable (level A)

For each time limit that is set by the content, at least one of the following is true:

- **Turn off:** The user is allowed to turn off the time limit before encountering it; or
- **Adjust:** The user is allowed to adjust the time limit before encountering it over a wide range that is at least ten times the length of the default setting; or
- **Extend:** The user is warned before time expires and given at least 20 seconds to extend the time limit with a simple action (for example, “press the spacebar”), and the user is allowed to extend the time limit at least ten times; or
- **Real-time Exception:** The time limit is a required part of a real-time event (for example, an auction), and no alternative to the time limit is possible; or
- **Essential Exception:** The time limit is essential and extending it would invalidate the activity; or
- **20 Hour Exception:** The time limit is longer than 20 hours.

Result: Compliant

Success criterion 2.2.2: Pause, Stop, Hide (level A)

For moving, blinking, scrolling, or auto-updating information, all of the following are true:

- **Moving, blinking, scrolling:** For any moving, blinking or scrolling information that
 1. starts automatically,
 2. lasts more than five seconds, and
 3. presented in parallel with other content,there is a mechanism for the user to pause, stop, or hide it unless the movement, blinking, or scrolling is part of an activity where it is essential; and
- **Auto-updating:** For any auto-updating information that
 1. starts automatically and
 2. is presented in parallel with other content,there is a mechanism for the user to pause, stop, or hide it or to control the frequency of the update unless the auto-updating is part of an activity where it is essential.

Result: Compliant

Guideline 2.3: Seizures and Physical Reactions

Do not design content in a way that is known to cause seizures or physical reactions.

Success criterion 2.3.1: Three Flashes or Below Threshold (level A)

Web pages do not contain anything that flashes more than three times in any one second period, or the flash is below the [general flash and red flash thresholds](#).

Result: Compliant

Guideline 2.4: Navigable

Provide ways to help users navigate, find content, and determine where they are.

Success criterion 2.4.1: Bypass Blocks (level A)

A mechanism is available to bypass blocks of content that are repeated on multiple web pages.

Result: Compliant

Success criterion 2.4.2: Page Titled (level A)

Web pages have titles that describe topic or purpose.

Result: Compliant

Success criterion 2.4.3: Focus order (level A)

If a web page can be navigated sequentially and the navigation sequences affect meaning or operation, focusable components receive focus in an order that preserves meaning and operability.

Result: Compliant

Success criterion 2.4.4: Link Purpose (In Context) (level A)

The purpose of each link can be determined from the link text alone or from the link text together with its programmatically determined link context, except where the purpose of the link would be ambiguous to users in general.

Result: Compliant

Success criterion 2.4.5: Multiple Ways (level AA)

More than one way is available to locate a web page within a set of web pages except where the web page is the result of, or a step in, a process.

Result: Compliant

Success criterion 2.4.6: Headings and Labels (level AA)

Headings and labels describe topic or purpose.

Result: Compliant

Success criterion 2.4.7: Focus visible (level AA)

Any keyboard operable user interface has a mode of operation where the keyboard focus indicator is visible.

Result: Compliant

Success criterion 2.4.11: Focus Not Obscured (Minimum) (WCAG2.2) (level AA)

Ensure that controls that have focus are not completely hidden behind floating content.

Result: Compliant

Guideline 2.5: Input Modalities

Make it easier for users to operate functionality through various inputs beyond keyboard.

Success criterion 2.5.1: Pointer Gestures (level A)

All functionality that uses multipoint or path-based gestures for operation can be operated with a single pointer without a path-based gesture, unless a multipoint or path-based gesture is essential.

Result: Compliant

Success criterion 2.5.2: Pointer Cancellation (level A)

For functionality that can be operated using a single pointer, at least one of the following is true:

- **No Down-Event:** The down-event of the pointer is not used to execute any part of the function.
- **Abort or Undo:** Completion of the function is on the up-event, and a mechanism is available to abort the function before completion or to undo the function after completion.
- **Up reversal:** The up-event reverses any outcome of the preceding down-event.
- **Essential:** Completing the function on the down-event is essential.

Result: Compliant

Success criterion 2.5.3: Label in Name (level A)

For user interface components with labels that include text or images of text, the name contains the text that is presented visually.

Result: Compliant

Success criterion 2.5.4: Motion Actuation (level A)

Functionality that can be operated by device motion or user motion can also be operated by user interface components and responding to the motion can be disabled to prevent accidental actuation, except when:

- **Supported Interface:** The motion is used to operate functionality through an accessibility supported interface;
- **Essential:** The motion is essential for the function and doing so would invalidate the activity.

Result: Compliant

Success criterion 2.5.7: Dragging movements (WCAG2.2) (level AA)

All functionality that uses a dragging movement for operation can be achieved by a single pointer without dragging, unless dragging is essential or the functionality is determined by the user agent and not modified by the author.

Result: Compliant

Success criterion 2.5.8: Target Size (Minimum) (WCAG2.2) (level AA)

The size of the target for pointer inputs is at least 24 by 24 CSS pixels.

Result: Compliant

Principle 3: Understandable

Information and the operation of user interface must be understandable.

Guideline 3.1: Readable

Make text content readable and understandable.

Success criterion 3.1.1: Language of Page (level A)

The default human language of each web page can be programmatically determined.

Result: Compliant

Success criterion 3.1.2: Language of Parts (level AA)

The human language of each passage or phrase in the content can be programmatically determined except for proper names, technical terms, words of indeterminate language, and words or phrases that have become part of the vernacular of the immediately surrounding text.

Result: Compliant

Guideline 3.2: Predictable

Make web pages appear and operate in predictable ways.

Success criterion 3.2.1: On Focus (level A)

When any user interface component receives focus, it does not initiate a change of context.

Result: Compliant

Success criterion 3.2.2: On Input (level A)

Changing the setting of any user interface component does not automatically cause a change of context unless the user has been advised of the behaviour before using the component.

Result: Compliant

Success criterion 3.2.3: Consistent Navigation (level AA)

Navigational mechanisms that are repeated on multiple web pages within a set of web pages occur in the same relative order each time they are repeated, unless a change is initiated by the user.

Result: Compliant

Success criterion 3.2.4: Consistent Identification (level AA)

Components that have the same functionality within a set of web pages are identified consistently.

Result: Compliant

Success criterion 3.2.6: Consistent Help (WCAG2.2) (level A)

If a web page contains any of the following help mechanisms, and those mechanisms are repeated on multiple web pages within a set of web pages, they occur in the same order relative to other page content, unless a change is initiated by the user:

- Human contact details.
- Human contact mechanism.
- Self-help option.
- A fully automated contact mechanism.

Result: Compliant

Guideline 3.3: Input Assistance

Help users avoid and correct mistakes.

Success criterion 3.3.1: Error Identification (level A)

If an input error is automatically detected, the item that is in error is identified and the error is described to the user in text.

Result: Compliant

Success criterion 3.3.2: Labels or Instructions (level A)

Labels or instructions are provided when content requires user input.

Result: Compliant

Success criterion 3.3.3: Error Suggestion (level AA)

If an input error is automatically detected and suggestions for correction are known, then the suggestions are provided to the user, unless it would jeopardize the security or purpose of the content.

Result: Compliant

Success criterion 3.3.4: Error Prevention (Legal, Financial, Data) (level AA)

For web pages that cause legal commitments or financial transactions for the user to occur, that modify or delete user-controllable data in data storage systems, or that submit user test responses, at least one of the following is true:

- **Reversible:** Submissions are reversible.
- **Checked:** Data entered by the user is checked for input errors and the user is provided an opportunity to correct them.
- **Confirmed:** A mechanism is available for reviewing, confirming, and correcting information before finalizing the submission.

Result: **Compliant**

Success criterion 3.3.7: Redundant Entry (WCAG2.2) (level A)

Information previously entered by or provided to the user that is required to be entered again in the same process is either:

- Auto populated, or
- Available for the user to select.

Result: **Compliant**

Success criterion 3.3.8: Accessible authentication (WCAG2.2) (level AA)

A cognitive function test (such as remembering a password or solving a puzzle) is not required for any step in an authentication process unless that step provides at least one of the following:

- **Alternative:** Another authentication method that does not rely on a cognitive function test.
- **Mechanism:** A mechanism is available to assist the user in completing the cognitive function test.
- **Object recognition:** The cognitive function test is to recognize objects.
- **Personal content:** The cognitive function test is to identify non-text content the user provided to the Web site.

Result: Compliant

Principle 4: Robust

Content must be robust enough that it can be interpreted by a wide variety of user agents, including assistive technologies.

Guideline 4.1: Compatible

Maximize compatibility with current and future user agents, including assistive technologies.

Success criterion 4.1.2: Name, Role, Value (level A)

For all user interface components (including but not limited to: form elements, links and components generated by scripts), the name and role can be programmatically determined; states, properties, and values that can be set by the user can be programmatically set; and notification of changes to these items is available to user agents, including assistive technologies.

Result: Compliant

Success criterion 4.1.3: Status Messages (level AA)

In content implemented using markup languages, status messages can be programmatically determined through role or properties such that they can be presented to the user by assistive technologies without receiving focus.

Result: Compliant
