# Perceivable

## [1] 1.1.1 Non-text Content - Provide text alternatives for non-text content

**Issues**: H67 would fail due to having a non-empty alt attribute and a title attribute. After looking into purely decorative images, the below fix was implemented.

**Fix**: Removed the title attribute and gave the alt a null value (alt=””).

**Final report:**

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| ***Relevant sufficient techniques 1.1.1*** |
| C9: Procedures:   1. Check for the presence of decorative images. 2. Check that they are included with CSS. **Passed** |
| H67: Procedures: For each image that should be ignored.   1. Check that title attribute is either absent or empty. 2. Check that alt attribute is present and empty. **Passed** |
| Relevant fail criteria 1.1.1 |
| F3: Procedures:   1. Examine all images added to the content via CSS, HTML style attributes, or dynamically in script as background images. 2. Check that the images do not convey important information. 3. If an image does convey important information, the information is provided to assistive technologies and is also available when the CSS image is not displayed. **Passed** |
| F38: Procedures: For any img element that is used for purely decorative content:   1. Check whether the element has no role attribute or has a role attribute value that is not "presentation". 2. Check whether the element has no alt attribute or has an alt attribute with a value that is not null. **Passed** |

## [2] 1.3.1 Info and Relationships - Logical structure

**Issues**: H44 would fail due missing the ‘for’ attribute of the label. This would pass the W3C validation service too, so it was one of the final issues to be picked up.

**Fix**: Added the ‘for’ attribute to the text and textarea elements in the form.

**Final report:**

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| ***Relevant sufficient techniques 1.3.1*** |
| H44: Procedures: For all input elements of type text, file or password, for all textareas and for all select elements in the Web page:   1. Check that there is a label element that identifies the purpose of the control before the input, textarea, or select element. 2. Check that the for attribute of the label element matches the id of the input, textarea, or select element. 3. Check that the label element is visible. **Passed** |
| H42: Procedures:   1. Check that heading markup is used when content is a heading. 2. Check that heading markup is not used when content is not a heading.  **Passed** |
| Relevant fail criteria 1.3.1 |
| F2: Procedures:  2) For styled text that conveys information:  a. Check if there is any styled text that conveys structural information.  b. Check that in addition to styling, the proper semantic structure is used with the text to convey the information. **Passed** |
| F43: Procedures:   1. Check that the element's semantic meaning is exposed to assistive technology and appropriate for the content of the element. **Passed** |

## [3] 1.3.2 Meaningful Sequence - Present content in a meaningful order

**Issues**: Originally C27 would fail due to having a back to top button that wouldn’t have the content read top to bottom, left to right.

**Fix**: Removed the back to top button.

**Final report:**

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| Relevant sufficient techniques 1.3.2: |
| G57: Procedures:   1. Linearize content using a standard approach for the technology (e.g., removing layout styles or running a linearization tool). 2. Check to see if the order of content yields the same meaning as the original. **Passed** |
| C27: Procedures:   1. Visually examine the order of the content in the Web page as it is presented to the end user. 2. Examine the elements in the DOM using a tool that allows you to see the DOM. 3. Ensure that the order of the content in the source code sections match the visual presentation of the content in the Web page. (e.g., for an English language page the order is from top to bottom and from left to right.) ". **Passed** |
| Relevant fail criteria 1.3.2: |
| F1: Procedures   1. Remove the style information from the document or turn off use of style sheets in the user agent. 2. Check that the reading order of the content is correct and the meaning of the content is preserved. **Passed** |
| F32: Procedures   1. Check whether any words in the text of the content contain white space characters. **Passed** |

## [4] 1.4.1 Use of Colour - Don’t use presentation that relies solely on colour

**Issues**: There was no required text being indicated in the form labels. The use of red wasn’t present as well. This affects G14 and G205.

**Fix**: Labels were given text indicating required fields, they also have asterisks that are coloured red. The fail criteria was always passing, however improved with making the footer links have an underline and a border when focused on.

**Final report:**

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| ***Relevant sufficient techniques 1.4.1:*** |
| G14: Procedures:   1. Check that the information conveyed is also available in text and that the text is not conditional content. **Passed** |
| G205: Procedures:   1. Check that the same information is available through text or character cues. **Passed** |
| G182: Procedures:   1. Locate all instances where the colour of text is used to convey information. 2. Check that any text where colour is used to convey information is also styled or uses a font that makes it visually distinct from other text around it. **Passed** |
| Relevant fail criteria 1.4.1: |
| F73: Procedures:   1. Check that each link in the page that is identifiable by color (hue) is visually identifiable via some other means (e.g., underlined, bolded, italicized, sufficient difference in lightness, etc.). **Passed** |
| F81: Procedures:   1. Check that a non-colour way to identify the required field or error field is provided. **Passed** |

# Operable

## [5] 2.1.1 Keyboard - Accessible by keyboard only

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| ***Relevant sufficient techniques 2.1.1:*** |
| G202: Procedures:   1. Identify all functionality on the content. 2. Check that all functionality can be accessed using only the keyboard or keyboard interface. **Passed** |

## [6] 2.1.2 No Keyboard Trap – Don’t trap keyboard users

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| ***Relevant sufficient techniques 2.1.2:*** |
| G21: Procedures:   1. Tab through content from start to finish. 2. Check to see that keyboard focus is not trapped in any of the content. 3. If keyboard focus appears to be trapped in any of the content, check that help information is available explaining how to exit the content and can be accessed via the keyboard. **Passed** |
| Relevant fail criteria 2.1.2: |
| F10: Procedures:   1. Using a keyboard, navigate through the content. 2. Check to see that the keyboard focus is not "trapped" and it is possible to move keyboard focus out of the plug-in content without closing the user agent or restarting the system. **Passed** |

## [7] 2.3.1 Three Flashes or Below Threshold

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| ***Relevant sufficient techniques 2.3.1*** |
| G19: Procedures:   1. Check that there are no more than three flashes during any 1-second period. 2. If there are three flashes, check that the Light/Dark status at the end of the 1-second period is the same as at the start. **Passed** |

## [8] 2.4.2 Page Titled

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| ***Relevant sufficient techniques 2.4.2:*** |
| G88: Procedures:   1. Check that the Web page has a title. 2. Check that the title is relevant to the content of the Web page. 3. Check that the Web page can be identified using the title. **Passed** |
| H25: Procedures:   1. Examine the source code of the HTML or XHTML document and check that a non-empty title element appears in the head section. 2. Check that the title element describes the document. **Passed** |
| Relevant fail criteria 2.4.2 |
| F25: Procedures:   1. Check whether the title of each Web page identifies the contents or purpose of the Web page. **Passed** |

## [9] 2.4.3 Focus Order – Logical order

**Issues**: Same as 1.3.2 Meaningful sequence. C27 would fail due to having a back to top button that wouldn’t have the content read top to bottom, left to right.

**Fix**: Removing the back to top button makes the source code sections match the visual presentation of the content in the Webpage.

**Final report:**

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| ***Relevant sufficient techniques 2.4.3:*** |
| G59: Procedures:   1. Determine the order of interactive elements in the content. 2. Determine the logical order of interactive elements. 3. Check that the order of the interactive elements in the content is the same as the logical order. **Passed** |
| C27: Procedures:   1. Visually examine the order of the content in the Web page as it is presented to the end user. 2. Examine the elements in the DOM using a tool that allows you to see the DOM. 3. Ensure that the order of the content in the source code sections match the visual presentation of the content in the Web page. (e.g., for an English language page the order is from top to bottom and from left to right.) " **Passed** |

## [10] 2.4.4 Link Purpose (In Context)

**Issues**: G91 was failing because the text of the link didn’t describe the purpose. The title attribute was being used but that wasn’t sufficient.

**Fix**: Changed the text of the links to describe their purpose. Titles could also be removed from links after this fix was implemented.

**Final report:**

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| ***Relevant sufficient techniques 2.4.4:*** |
| G91: Procedures:   1. Check that text of the link describes the purpose of the link**.  Passed** |
| H33: Procedures:   1. For each anchor element that has a title attribute, check that the title attribute together with the link text describes the purpose of the link. **Passed** |

# Understandable

## [11] 3.1.1 Language of Page

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| ***Relevant sufficient techniques 3.1.1:*** |
| H57: Procedures:   1. Examine the html element of the document. 2. Check that the html element has a lang and/or xml:lang attribute. 3. Check that the value of the lang attribute conforms to [BCP 47: Tags for the Identification of Languages](http://www.rfc-editor.org/rfc/bcp/bcp47.txt) or its successor and reflects the primary language used by the Web page. **Passed** |

# Robust

## [12] 4.1.1 Parsing – No major code errors

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| ***Relevant sufficient techniques 4.1.1:*** |
| G134: Procedures:   1. Load each page or document into a validating parser. 2. Check that no validation errors are found. **Passed** |