

EN301549 technical report

Chapter 5: Generic Requirements

<i>Criteria</i>	<i>Conformance Level</i>	<i>Remarks and explanations</i>
5.1 Closed functionality	<i>Heading cell no response required</i>	<i>Heading cell no response required</i>
5.1.2 General	<i>Heading cell no response required</i>	<i>Heading cell no response required</i>
5.1.2.1 Closed functionality	<i>See 5.2 through 13</i>	<i>See information in 5.2 through 13</i>
5.1.2.2 Assistive technology	<i>See 5.1.3 through 5.1.6</i>	<i>See information in 5.1.3 through 5.1.6</i>
5.1.3 Non-visual access	<i>Heading cell no response required</i>	<i>Heading cell no response required</i>
5.1.3.1 Audio output of visual information	<i>Not Applicable</i>	
5.1.3.2 Auditory output delivery including speech	<i>Not Applicable</i>	
5.1.3.3 Auditory output correlation	<i>Not Applicable</i>	
5.1.3.4 Speech output user control	<i>Not Applicable</i>	
5.1.3.5 Speech output automatic interruption	<i>Not Applicable</i>	
5.1.3.6 Speech output for non-text content	<i>Not Applicable</i>	
5.1.3.7 Speech output for video information	<i>Not Applicable</i>	
5.1.3.8 Masked entry	<i>Not Applicable</i>	
5.1.3.9 Private access to personal data	<i>Not Applicable</i>	
5.1.3.10 Non-interfering audio output	<i>Not Applicable</i>	
5.1.3.11 Private listening volume	<i>Not Applicable</i>	
5.1.3.12 Speaker volume	<i>Not Applicable</i>	
5.1.3.13 Volume reset	<i>Not Applicable</i>	

<i>Criteria</i>	<i>Conformance Level</i>	<i>Remarks and explanations</i>
<i>5.1.3.14 Spoken languages</i>	<i>Not Applicable</i>	
<i>5.1.3.15 Non-visual error identification</i>	<i>Not Applicable</i>	
<i>5.1.3.16 Receipts, tickets, and transactional outputs</i>	<i>Not Applicable</i>	
<i>5.1.4 Functionality closed to text enlargement</i>	<i>Not Applicable</i>	
<i>5.1.5 Visual output for auditory information</i>	<i>Not Applicable</i>	
5.1.6 Operation without keyboard interface	<i>Heading cell no response required</i>	<i>Heading cell no response required</i>
5.1.6.1 Closed functionality	<i>See 5.1.3.1 through 5.1.3.16</i>	<i>See information in 5.1.3.1 through 5.1.3.16</i>
<i>5.1.6.2 Input focus</i>	<i>Not Applicable</i>	
<i>5.1.7 Access without speech</i>	<i>Not Applicable</i>	
<i>5.2 Activation of accessibility features</i>	<i>Not Applicable</i>	
<i>5.3 Biometrics</i>	<i>Not Applicable</i>	
<i>5.4 Preservation of accessibility information during conversion</i>	<i>Not Applicable</i>	
5.5 Operable parts	<i>Heading cell no response required</i>	<i>Heading cell no response required</i>
<i>5.5.1 Means of operation</i>	<i>Not Applicable</i>	
<i>5.5.2 Operable parts discernibility</i>	<i>Not Applicable</i>	
5.6 Locking or toggle controls	<i>Heading cell no response required</i>	<i>Heading cell no response required</i>
<i>5.6.1 Tactile or auditory status</i>	<i>Not Applicable</i>	
<i>5.6.2 Visual status</i>	<i>Not Applicable</i>	
<i>5.7 Key repeat</i>	<i>Not Applicable</i>	
<i>5.8 Double-strike key acceptance</i>	<i>Not Applicable</i>	
<i>5.9 Simultaneous user actions</i>	<i>Not Applicable</i>	

Chapter 6: ICT with Two-Way Voice Communication

<i>Criteria</i>	<i>Conformance Level</i>	<i>Remarks and explanations</i>
<i>6.1 Audio bandwidth for speech</i>	<i>Not Applicable</i>	
<i>6.2 Real-time text (RTT) functionality</i>	<i>Heading cell no response required</i>	<i>Heading cell no response required</i>
<i>6.2.1.1 RTT communication</i>	<i>Not Applicable</i>	
<i>6.2.1.2 Concurrent voice and text</i>	<i>Not Applicable</i>	
<i>6.2.2.1 Visually distinguishable display</i>		
<i>6.2.2.2 Programmatically determinable send and receive direction</i>	<i>Not Applicable</i>	
<i>6.2.2.3 Speaker identification</i>	<i>Not Applicable</i>	
<i>6.2.2.4 Visual indicator of Audio with RTT</i>	<i>Not Applicable</i>	
<i>6.2.3 Interoperability</i>	<i>Not Applicable</i>	
<i>6.2.4 RTT responsiveness</i>	<i>Not Applicable</i>	
<i>6.3 Caller ID</i>	<i>Not Applicable</i>	
<i>6.4 Alternatives to voice-based services</i>	<i>Not Applicable</i>	
<i>6.5 Video communication</i>	<i>Heading cell no response required</i>	<i>Heading cell no response required</i>
<i>6.5.1 General (informative)</i>	<i>Heading cell no response required</i>	<i>Heading cell no response required</i>
<i>6.5.2 Resolution</i>	<i>Not Applicable</i>	
<i>6.5.3 Frame rate</i>	<i>Not Applicable</i>	
<i>6.5.4 Synchronization between audio and video</i>	<i>Not Applicable</i>	
<i>6.5.5 Visual indicator of audio with video</i>	<i>Not Applicable</i>	

<i>Criteria</i>	<i>Conformance Level</i>	<i>Remarks and explanations</i>
<i>6.5.6 Speaker identification with video (sign language) communication</i>	<i>Not Applicable</i>	
<i>6.6 Alternatives to video-based services (advisory only)</i>	<i>Advisory no response required</i>	<i>Advisory no response required</i>

Chapter 7: ICT with Video Capabilities

<i>Criteria</i>	<i>Conformance Level</i>	<i>Remarks and explanations</i>
<i>7.1 Caption processing technology</i>	<i>Heading cell no response required</i>	<i>Heading cell no response required</i>
<i>7.1.1 Captioning playback</i>	<i>Not Applicable</i>	
<i>7.1.2 Captioning synchronization</i>	<i>Not Applicable</i>	
<i>7.1.3 Preservation of captioning</i>	<i>Not Applicable</i>	
<i>7.1.4 Captions characteristics</i>	<i>Not Applicable</i>	
<i>7.1.5 Spoken subtitles</i>	<i>Not Applicable</i>	
<i>7.2 Audio description technology</i>	<i>Heading cell no response required</i>	<i>Heading cell no response required</i>
<i>7.2.1 Audio description playback</i>	<i>Not Applicable</i>	
<i>7.2.2 Audio description synchronization</i>	<i>Not Applicable</i>	
<i>7.2.3 Preservation of audio description</i>	<i>Not Applicable</i>	
<i>7.3 User controls for captions and audio description</i>	<i>Not Applicable</i>	

Chapter 8: Hardware

<i>Criteria</i>	<i>Conformance Level</i>	<i>Remarks and explanations</i>
8.1.1 Generic requirements	<i>Heading cell no response required</i>	<i>Heading cell no response required</i>
<i>8.1.2 Standard connections</i>	<i>Not Applicable</i>	
<i>8.1.3 Colour</i>	<i>Not Applicable</i>	
8.2 Hardware products with speech output	<i>Heading cell no response required</i>	<i>Heading cell no response required</i>
<i>8.2.1.1 Speech volume range</i>	<i>Not Applicable</i>	
<i>8.2.1.2 Incremental volume control</i>	<i>Not Applicable</i>	
<i>8.2.2.1 Fixed-line devices</i>	<i>Not Applicable</i>	
<i>8.2.2.2 Wireless communication devices</i>	<i>Not Applicable</i>	
8.3 Stationary ICT	<i>Heading cell no response required</i>	<i>Heading cell no response required</i>
<i>8.3.2.1 Unobstructed high forward reach</i>	<i>Not Applicable</i>	
<i>8.3.2.2 Unobstructed low forward reach</i>	<i>Not Applicable</i>	
<i>8.3.2.3.1 Clear space</i>	<i>Not Applicable</i>	
<i>8.3.2.3.2 Obstructed (< 510 mm) forward reach</i>	<i>Not Applicable</i>	
<i>8.3.2.3.3 Obstructed (< 635 mm) forward reach</i>	<i>Not Applicable</i>	
<i>8.3.2.4 Knee and toe clearance width</i>	<i>Not Applicable</i>	
<i>8.3.2.5 Toe clearance</i>	<i>Not Applicable</i>	
<i>8.3.2.6 Knee clearance</i>	<i>Not Applicable</i>	
<i>8.3.3.1 Unobstructed high side reach</i>	<i>Not Applicable</i>	
<i>8.3.3.2 Unobstructed low side reach</i>	<i>Not Applicable</i>	
<i>8.3.3.3.1 Obstructed (≤ 255 mm) side reach</i>	<i>Not Applicable</i>	
<i>8.3.3.3.2 Obstructed (≤ 610 mm) side</i>	<i>Not Applicable</i>	

<i>Criteria</i>	<i>Conformance Level</i>	<i>Remarks and explanations</i>
<i>reach</i>		
<i>8.3.4.1 Change in level</i>	<i>Not Applicable</i>	
<i>8.3.4.2 Clear floor or ground space</i>	<i>Not Applicable</i>	
<i>8.3.4.3.2 Forward approach</i>	<i>Not Applicable</i>	
<i>8.3.4.3.3 Parallel approach</i>	<i>Not Applicable</i>	
<i>8.3.5 Visibility</i>	<i>Not Applicable</i>	
<i>8.3.6 Installation instructions</i>	<i>Not Applicable</i>	
<i>8.4 Mechanically Operable parts</i>	<i>Heading cell no response required</i>	<i>Heading cell no response required</i>
<i>8.4.1 Numeric keys</i>	<i>Not Applicable</i>	
<i>8.4.2.1 Means of operation of mechanical parts</i>	<i>Not Applicable</i>	
<i>8.4.2.2 Force of operation of mechanical parts</i>	<i>Not Applicable</i>	
<i>8.4.3 Keys, tickets and fare cards</i>	<i>Not Applicable</i>	
<i>8.5 Tactile indication of speech mode</i>	<i>Not Applicable</i>	

Chapter 9: Web (applies also to 10, 11 and 12)

Corresponding to WCAG 2.2 Level A

<i>Criteria</i>	<i>Conformance level</i>	<i>Remarks and explanations</i>
<i>1.1.1 Non-text Content</i>	<i>Partially supports</i>	• <i>Some images, icons, or other non-text content do not have a text description.</i>
<i>1.2.1 Audio-only and Video-only (Prerecorded)</i>	<i>Partially supports</i>	• <i>Some recorded audio-only or video-only content has no text or audio alternative.</i>
<i>1.2.2 Captions (Prerecorded)</i>	<i>Supports</i>	
<i>1.2.3 Audio Description or Media Alternative (Prerecorded)</i>	<i>Supports</i>	
<i>1.3.1 Info and Relationships</i>	<i>Partially supports</i>	• <i>In some cases, the structure or meaning of content is shown only visually and is not coded so assistive tools can read it.</i> • <i>In some documents and some cases, the structure or meaning of content is shown only visually and is not coded so assistive tools can read it.</i>
<i>1.3.2 Meaningful Sequence</i>	<i>Supports</i>	
<i>1.3.3 Sensory Characteristics</i>	<i>Supports</i>	
<i>1.4.1 Use of Color</i>	<i>Partially supports</i>	• <i>In some cases, color alone is used to give meaning or show a difference.</i>

<i>1.4.2 Audio Control</i>	<i>Supports</i>	
<i>2.1.1 Keyboard</i>	<i>Partially supports</i>	<i>Some features cannot be used with a keyboard.</i>
<i>2.1.2 No Keyboard Trap</i>	<i>Supports</i>	
<i>2.1.4 Character Key Shortcuts</i>	<i>Supports</i>	
<i>2.2.1 Timing Adjustable</i>	<i>Supports</i>	
<i>2.2.2 Pause, Stop, Hide</i>	<i>Partially supports</i>	<i>There is no way to pause, stop, or hide moving, blinking, scrolling, or auto-updating content that runs over 5 seconds next to other content.</i>
<i>2.3.1 Three Flashes or Below Threshold</i>	<i>Supports</i>	
<i>2.4.1 Bypass Blocks</i>	<i>Supports</i>	
<i>2.4.2 Page Titled</i>	<i>Partially supports</i>	<i>In some documents, some screens have no title that explains their topic or purpose</i>
<i>2.4.3 Focus Order</i>	<i>Partially supports</i>	<i>When users tab through content, the focus order does not match the meaning or how things work.</i>
<i>2.4.4 Link Purpose (In Context)</i>	<i>Partially supports</i>	<i>The purpose of some links or controls is not clear from their text or context.</i>
<i>2.5.1 Pointer Gestures</i>	<i>Supports</i>	
<i>2.5.2 Pointer Cancellation</i>	<i>Supports</i>	
<i>2.5.3 Label in Name</i>	<i>Supports</i>	

<i>2.5.4 Motion Actuation</i>	<i>Supports</i>	
<i>3.1.1 Language of Page</i>	<i>Supports</i>	
<i>3.2.1 On Focus</i>	<i>Supports</i>	
<i>3.2.2 On Input</i>	<i>Supports</i>	
<i>3.2.6 Consistent Help</i>	<i>Supports</i>	
<i>3.3.1 Error Identification</i>	<i>Supports</i>	
<i>3.3.2 Labels or Instructions</i>	<i>Partially supports</i>	• <i>There are no labels or instructions when the user must enter data.</i>
<i>3.3.7 Redundant Entry</i>	<i>Supports</i>	
<i>4.1.1 Parsing</i>	<i>Supports</i>	
<i>4.1.2 Name, Role, Value</i>	<i>Partially supports</i>	• <i>Some components do not pass their name, role, state, or value to assistive tools, or do not notify them of changes.</i>

Corresponding to WCAG 2.2 Level AA

<i>Criteria</i>	<i>Conformance level</i>	<i>Remarks and explanations</i>
<i>1.2.5 Audio Description (Prerecorded)</i>	<i>Supports</i>	
<i>1.3.4 Orientation</i>	<i>Supports</i>	
<i>1.3.5 Identify Input</i>	<i>Supports</i>	

<i>Purpose</i>		
<i>1.4.3 Contrast (Minimum)</i>	<i>Partially supports</i>	Text and images of text do not always have enough contrast, except for items like logos.
<i>1.4.4 Resize text</i>	<i>Supports</i>	
<i>1.4.5 Images of Text</i>	<i>Supports</i>	
<i>1.4.10 Reflow</i>	<i>Partially supports</i>	Content that does not need a 2D layout does not reflow when the screen is resized.
<i>1.4.11 Non-text Contrast</i>	<i>Partially supports</i>	Some important components do not have a contrast ratio of at least 3:1 with nearby items.
<i>1.4.12 Text Spacing</i>	<i>Supports</i>	
<i>1.4.13 Content on Hover or Focus</i>	<i>Supports</i>	
<i>2.4.5 Multiple Ways</i>	<i>Supports</i>	
<i>2.4.6 Headings and Labels</i>	<i>Supports</i>	
<i>2.4.7 Focus Visible</i>	<i>Supports</i>	
<i>2.4.11 Focus Not Obscured (Minimum)</i>	<i>Partially supports</i>	Some focusable elements are fully hidden by other content.
<i>2.5.7 Dragging Movements</i>	<i>Supports</i>	
<i>2.5.8 Target Size (Minimum)</i>	<i>Supports</i>	
<i>3.1.2 Language of Parts</i>	<i>Supports</i>	
<i>3.2.3 Consistent Navigation</i>	<i>Supports</i>	

<i>3.2.4 Consistent Identification</i>	<i>Supports</i>	
<i>3.3.3 Error Suggestion</i>	<i>Partially supports</i>	• <i>When an error is found and a fix is known, the fix is not shown (unless it would break security or purpose).</i>
<i>3.3.4 Error Prevention (Legal, Financial, Data)</i>	<i>Supports</i>	
<i>3.3.8 Accessible Authentication (Minimum)</i>	<i>Supports</i>	
<i>4.1.3 Status Messages</i>	<i>Partially supports</i>	• <i>Some status messages cannot be read by assistive tools without changing focus.</i>

Chapter 10: Non-Web Documents

<i>Criteria</i>	<i>Conformance Level</i>	<i>Remarks and explanations</i>
<i>10.0 General (informative)</i>	<i>Heading cell no response required</i>	<i>Heading cell no response required</i>
<i>10.1.1.1 through 10.4.1.3</i>	<i>See WCAG 2.2 section</i>	<i>See information in WCAG 2.2 section</i>
<i>10.5 Caption positioning</i>	<i>Not Applicable</i>	
<i>10.6 Audio description timing</i>	<i>Not Applicable</i>	

Chapter 11: Software

<i>Criteria</i>	<i>Conformance Level</i>	<i>Remarks and explanations</i>
11.0 General (informative)	<i>Heading cell no response required</i>	<i>Heading cell no response required</i>
<i>11.1.1.1 through 11.4.1.3</i>	<i>See WCAG 2.2 section</i>	<i>See information in WCAG 2.2 section</i>
11.5 Interoperability with assistive technology	<i>Heading cell no response required</i>	<i>Heading cell no response required</i>
11.5.1 Closed functionality	<i>Heading cell no response required</i>	<i>Heading cell no response required</i>
11.5.2 Accessibility services	<i>Heading cell no response required</i>	<i>Heading cell no response required</i>
<i>11.5.2.1 Platform accessibility service support for software that provides a user interface</i>	<i>See 11.5.2.5 through 11.5.2.17</i>	<i>See information in 11.5.2.5 through 11.5.2.17</i>
<i>11.5.2.2 Platform accessibility service support for assistive technologies</i>	<i>See 11.5.2.5 through 11.5.2.17</i>	<i>See information in 11.5.2.5 through 11.5.2.17</i>
<i>11.5.2.3 Use of accessibility services</i>	<i>See information in 11.5.2.5 through 11.5.2.17</i>	<i>See information in 11.5.2.5 through 11.5.2.17</i>
<i>11.5.2.4 Assistive technology</i>	<i>Not Applicable</i>	
<i>11.5.2.5 Object information</i>	<i>Not Applicable</i>	
<i>11.5.2.6 Row, column, and headers</i>	<i>Not Applicable</i>	
<i>11.5.2.7 Values</i>	<i>Not Applicable</i>	
<i>11.5.2.8 Label relationships</i>	<i>Not Applicable</i>	
<i>11.5.2.9 Parent-child relationships</i>	<i>Not Applicable</i>	
<i>11.5.2.10 Text</i>	<i>Not Applicable</i>	
<i>11.5.2.11 List of available actions</i>	<i>Not Applicable</i>	
<i>11.5.2.12 Execution of available actions</i>	<i>Not Applicable</i>	
<i>11.5.2.13 Tracking of focus and selection attributes</i>	<i>Not Applicable</i>	

<i>Criteria</i>	<i>Conformance Level</i>	<i>Remarks and explanations</i>
<i>11.5.2.14 Modification of focus and selection attributes</i>	<i>Not Applicable</i>	
<i>11.5.2.15 Change notification</i>	<i>Not Applicable</i>	
<i>11.5.2.16 Modifications of states and properties</i>	<i>Not Applicable</i>	
<i>11.5.2.17 Modifications of values and text</i>	<i>Not Applicable</i>	
<i>11.6 Documented accessibility usage</i>	<i>Heading cell no response required</i>	<i>Heading cell no response required</i>
<i>11.6.1 User control of accessibility features</i>	<i>Not Applicable</i>	
<i>11.6.2 No disruption of accessibility features</i>	<i>Not Applicable</i>	
<i>11.7 User preferences</i>	<i>Not Applicable</i>	
<i>11.8 Authoring tools</i>	<i>Heading cell no response required</i>	<i>Heading cell no response required</i>
<i>11.8.1 Content technology</i>	<i>Heading cell no response required</i>	<i>Heading cell no response required</i>
<i>11.8.2 Accessible content creation</i>	<i>See WCAG 2.2 section (If not authoring tool, enter "Not Applicable")</i>	<i>See information in WCAG 2.2 section</i>
<i>11.8.3 Preservation of accessibility information in transformations</i>	<i>Not Applicable</i>	
<i>11.8.4 Repair assistance</i>	<i>Not Applicable</i>	
<i>11.8.5 Templates</i>	<i>Not Applicable</i>	

Chapter 12: Documentation and Support Services

<i>Criteria</i>	<i>Conformance Level</i>	<i>Remarks and explanations</i>
12.1 Product documentation	<i>Heading cell no response required</i>	<i>Heading cell no response required</i>
<i>12.1.1 Accessibility and compatibility features</i>	<i>Not Applicable</i>	
<i>12.1.2 Accessible documentation</i>	<i>See WCAG 2.2 section</i>	<i>See information in WCAG 2.2 section</i>
12.2 Support Services	<i>Heading cell no response required</i>	<i>Heading cell no response required</i>
<i>12.2.2 Information on accessibility and compatibility features</i>	<i>Not Applicable</i>	
<i>12.2.3 Effective communication</i>	<i>Not Applicable</i>	
<i>12.2.4 Accessible documentation</i>	<i>See WCAG 2.2 section</i>	<i>See information in WCAG 2.2 section</i>

Chapter 13: ICT Providing Relay or Emergency Service Access

<i>Criteria</i>	<i>Conformance Level</i>	<i>Remarks and explanations</i>
<i>13.1 Relay services requirements</i>	<i>Heading cell no response required</i>	<i>Heading cell no response required</i>
<i>13.1.2 Text relay services</i>	<i>Not Applicable</i>	
<i>13.1.3 Sign relay services</i>	<i>Not Applicable</i>	
<i>13.1.4 Lip-reading relay services</i>	<i>Not Applicable</i>	
<i>13.1.5 Captioned telephony services</i>	<i>Not Applicable</i>	
<i>13.1.6 Speech to speech relay services</i>	<i>Not Applicable</i>	
<i>13.2 Access to relay services</i>	<i>Not Applicable</i>	
<i>13.3 Access to emergency services</i>	<i>Not Applicable</i>	

Web accessibility

Disability is defined as: any activity limitation or participation restriction in society, experienced by a person as a result of a substantial, lasting or definitive alteration of one or more physical, sensory, mental, cognitive, or psychic functions, a multiple disability, or a disabling health condition.

Web accessibility consists of making online public communication services accessible to people with disabilities, and is based on four fundamental principles:

Perceivable: Information and user interface components must be presented to the user in such a way that they can perceive them. For example, providing textual equivalents for all non-textual content that can then be presented in other forms according to the user's needs: large characters, braille, speech synthesis, symbols or simplified language.

Operable: User interface and navigation components must be operable. For example, making all functionality available via keyboard.

Understandable: Information and the use of the user interface must be understandable. Textual content must be made readable and navigation must be consistent.

Robust: Content must be sufficiently robust to be reliably interpreted by a wide variety of user agents, including assistive technologies.

Test environments

Operating systems

- *Apple Mac Os X (latest version)*
- *Microsoft Windows (latest version)*
- *Apple Ios (latest version)*
- *Google Android (latest version)*

We have not used Linux as it is currently very uncommon among users with disabilities.

Browsers and user software

In the latest versions available on the different operating systems:

- *Google Chrome*
- *Windows Edge*
- *Safari*
- *Adobe Acrobat Reader / Preview on Mac (for PDFs only)*

Screen readers and assistive technologies

In order to achieve the most standard evaluation we test everything with assistive technologies default configuration.

In order to make the most realistic evaluation we also test:

- *Graphic adaptations present on the different systems (colors, contrasts, subtitles, etc.)*
- *Mouse emulations, magnifiers and screen keyboards or keyboard improved settings always of the different systems*
- *Voiceover - Apple systems only*
- *Talkback - Android only*
- *NVDA (latest version) and Freedom scientific Jaws (second-to-latest version) - PC systems only*

Methodology

Objective manual and semi-automatic verification methodology

We analyze content with different automatic and semiautomatic systems and compare the results between tools to obtain the most complete and objective verification. The reference standard, unless specifically requested, that we use is always the latest (WCAG 2.2) so that we can ensure compliance in all countries from which the touchpoint (site, app, etc.) can be accessed.

Our verification is therefore compliant with WCAG 2.2 level AA, and the requirements in UNI EN 301549 Guidelines or their declination in the French RGAA's. Each tool produces results that are then analyzed by our experts: it is, therefore, possible that not all tool results appear because they are judged to be false negatives.

Automated tools for syntax checking

- ***W3C Markup Validation Service*** : used with generated code, because it is the official tool for checking HTML, XHTML, MathHTML, etc.
- ***W3C CSS Validation service*** : although the correctness of the CSS does not affect accessibility, it could affect some aspects that still have an impact on it if not correctly interpreted because it is incorrect. The verification is therefore appropriate and done with W3C CSS Validation Service
- ***PAC PDF checker***

Automatic and semi-automatic tools for color verification

- ***Color Contrast Analyser (CCA)*** : used punctually on dubious contrasts.
- ***WCAG Color contrast checker*** : used as the first check to verify the contrasts of the colors used in the CSS of the pages.
- ***Text on background image a11y check*** : used to check when text should overlap images.
- ***Color contrast accessibility evaluator*** : used as an additional control for some online pages.

Automatic and semi-automatic tools for checking accessibility

Some online validators used as samples on the pages:

- *Accescan*
- *Wave*

And other local tools:

- *Web developer toolbar: Used to support manual verification. It allowed us to locate images without alt texts, fields without labels, etc.*
- *AXE e Lighthouse for Chrome: they have provided us with precise indications on the defects of the accessibility of the HTML code but also on WAI ARIA attributes, fundamental in the case of web applications and interactive components.*

Terms

The terms used in the Conformance Level information are defined as follows:

Supports: *The functionality of the product has at least one method that meets the criterion without known defects or meets with equivalent facilitation.*

Partially Supports: *Some functionality of the product does not meet the criterion.*

Does Not Support: *The majority of product functionality does not meet the criterion.*

Not Applicable: *The criterion is not relevant to the product.*

Not Evaluated: *The product has not been evaluated against the criterion. This can only be used in WCAG Level AAA criteria.*