

# Quick Audit

A semi-automated\* accessibility testing report of the homepage, about-us page, a news page and the contact page of the website <https://www.sckcen.be>

\* Average of 80% coverage of accessibility issues

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# Summary of the evaluation

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The tested pages generally score quite good, but there are some minor issues that require fixing. The most pressing issues are about the perceivability of the site (contrast ratio does not meet requirements) and the robustness of the site (50% failure of 2 criteria).

## Overall accessibility score

Below you can find the accessibility score of your project, which is split up into conformance levels. You can interpret the 2 distinct levels as 2 distinct types of impact/severity, where level A focuses on the most impactful issues.

Therefore, level A-related issues should always be prioritized.

- Reported on all 31 WCAG 2.2 A Success Criteria.
- Reported on *all 24* WCAG 2.2 AA Success Criteria.

## Statistics per conformance level

Conformance	Passed	Failed	Cannot tell	Not present	Not checked
A	17	6	0	8	0
AA	17	2	0	5	0

## Impact on your *target audience*

The impact on your target audience is based on the [4 principles of accessibility](#), listed as Perceivable, Operable, Understandable and Robust (POUR).

### Perceivable

*9 criteria for A, 11 criteria for AA*

We reported that 4 of the 20 (or 20%) relevant level A and AA criteria related to perceivability are not met, which means that a valuable segment of your target audience doesn't have sufficient digital text alternatives that can be interpreted through their assistive technology (screen readers, braille devices, etc) and/or their visual ability.

### Operable

*14 criteria for A, 6 criteria for AA*

We reported that 2 of the 20 (or 10%) relevant level A and AA criteria related to operability are not met, which means that the minority of your target audience cannot interact with your website. Operability is considered support for keyboard and mouse interaction, providing sufficient time to fulfil certain tasks, and designing content in a way that is not causing seizures or physical reactions.

### Understandable

*7 criteria for A, 6 criteria for AA*

We reported that 1 of the 13 (or 8%) relevant level A and AA criteria related to understandability are not met, which means that the minority of your target audience cannot understand the information shared on your website. Understanding means correct pronunciation and use of simple language, combined with consistent navigation and prevention of input errors through labelling, instructions, suggestions, and help.

## Robust

*1 criterion for A, 1 criterion for AA*

We reported that 1 of the 2 (or 50%) relevant level A and AA criteria related to robustness are not met, which means that your website does not accommodate reliable access through a variety of user agents (browsers, assistive technology, etc).

In addition to using different browsers (Chrome, Firefox, Microsoft Edge, etc), people with disabilities may rely on different types of assistive technologies. From screen readers and braille terminals to software for text magnification and speech recognition.

# Scope of the evaluation

Website name	<a href="https://www.sckcen.be">https://www.sckcen.be</a>
Website language	English (en)
Website version	Production
WCAG version	2.2
Conformance target	AA

## List of audited web pages

This audit covers semi-automated testing of a specific page or feature. An example of a structured sample could be a homepage. Although most of the new visitors don't see the homepage first, it is considered a generally representative sample for accessibility. The same sample is used for the [WebAIM Million](#) report each year.

- Homepage: <https://www.sckcen.be/en>
- About-us page: <https://www.sckcen.be/en/about-sck-cen-0>
- News page: <https://www.sckcen.be/en/news/sck-cen-sheds-light-long-term-effects-radioisotopes-rivers-and-enhances-protection-humans-and-nature>
- Contact page: <https://www.sckcen.be/en/contact>

# Testing methodologies

## Automated testing

- At iO, we use the ARC toolkit as the primary automated testing tool. ARC Toolkit is a browser extension for Chromium browsers.
- We also include Axe DevTools as an additional layer of automated testing. The Axe DevTools extension covers Chromium browsers and Safari in environments such as iOS, Android, OS X and Windows.

## Manual testing

- Screen reader and keyboard (access) testing includes Safari (MacOS) with VoiceOver.
- Contextual testing (non-text content, etc.) includes verification in Chrome (MacOS).

# *Interpretation of the evaluation*

## How you should prioritise

This detailed report will include a reference to each failed success criterion and repair suggestions for any errors listed. The numbering per listed success criterion originates from the [WCAG guidelines](#).

Each issue receives a label that represents the impact on the end user, this label does not reflect the WCAG level (A, AA or AAA) it applies to.

The high-priority category is a combination of issues that fail [legal requirements](#) and our internal accessibility requirements. Our internal requirements are a set of rules we use to evaluate web accessibility. This set is a result of our multiple years of expertise in the accessibility field.

## The labelling system

- **HIGH PRIORITY:** This needs to be fixed as soon as possible since it has a large negative impact on the user experience of multiple segments of your customer base.
- **WARNING:** This needs attention! Some parts of your customer base could have a negative experience when coming across this issue.
- **BEST PRACTICE:** Implementing this will enhance the user experience significantly and will eventually improve your brand reputation and therefore potentially expand your customer base.



# *Detailed report*

## Reporting methodology

We used the [WCAG-EM report tool](#) to turn our accessibility evaluation findings into a report. This reporting tool is based on the [Web Content Accessibility Guidelines Evaluation Methodology](#).

## Reference to the report

The HTML export generated by the WCAG-EM report tool is stored here:

<https://www.sckcen.be/sites/default/files/uploads/A11Y-report/sck-cen-report.html>

The JSON export generated by the WCAG-EM report tool is stored here:

<https://www.sckcen.be/sites/default/files/uploads/A11Y-report/sck-cen-evaluation.json>