

Basis for accessibility

Web Content Accessibility Guidelines (WCAG) 2.1 is an international group of guidelines for making web content more accessible. There are different levels (A, AA and AAA), and especially in Finnish government, levels A and AA are mostly required.

How accessible is Lyyti?

Lyyti's accessibility has last been tested internally during Q4 in 2019. We can confirm that Lyyti's registration page meets levels A and AA quite well.

However, there are some features that do not meet these levels entirely, for example date fields and changing participant type in group registration page.

Questionnaires have also been tested, but at the moment they do not reach the required WCAG 2.1 levels.

We apologise for the partial lack of accessibility. Please, feel free to contact us if you find any other missing accessibility points. You can send us your feedback about accessibility to help@lyyti.com.

Accessibility Evaluation Report

1. Executive Summary

This report describes the conformance of the Lyyti's registration page with [W3C's Web Content Accessibility Guidelines \(WCAG\)](#). The review process is described in Section 5 below and is based on evaluation described in [Accessibility Evaluation Resources](#).

Based on this evaluation, the Lyyti's registration page is close to meeting WCAG 2.1, Conformance Level AA. Detailed review results are available in Section 6 below. Resources for follow-up study are listed in Section 7 below. Feedback on this evaluation is welcome.

2. Background about Evaluation

Conformance evaluation of web accessibility requires a combination of [semi-automated evaluation tools](#) and manual evaluation by an internal reviewer. The evaluation results in

this report are based on evaluation conducted on the following date: November 5th 2019.
The website may have changed since that time.

3. Scope of Review

- Lyyti's registration page
- lyyti.fi/reg/
 - Mobile and web view
 - Events
 - Single registration
 - Registration with companion
 - Registration as a group
 - Some groups full
 - Add participants
 - Delete participants
 - Change participant type of already selected participant
 - Participant types
 - Waiting list
 - per type of registration (single/companion/group)
 - Payments
 - Invoicing
 - Several VAT rates in single price
 - Payment with payment transfer fee
 - Payments in arrears
 - How prices & VAT rates are shown
 - Campaign codes
 - Conditions
 - Capacities (if first selected an option and meanwhile it has been fully booked)
 - Notice texts (non-input fields)
 - File upload question
 - Answer validation
 - Date picker question
 - Answer validation
 - Privacy policy & consents
 - Mandatory questions (left unanswered)
 - Attachments
 - Registration not yet open / already closed / event full
 - Change language
 - Error / info messages
 - Participant not found
 - Participant type not found
 - Registration link not found
 - Required fields in forms
 - Answer validations
 - Reservations valid for x time
 - Registered participants cannot edit information anymore (personal reg. link, registration already closed)
 - Password protection

- Online reports
 - Participant report
 - Password protection
 - Summary Report
 - Thank-you page
 - Calendar button
 - Register more people button
 - Invoice / receipt button / link
 - Review time: 04.11.2019 - 06.11.2019
 - Languages of website: Finnish, English, Swedish, German, French, Dutch, Spanish, Italian, Norwegian, Danish, Estonian, Latvian, Croatian, Polish, Russian, Chinese

4. Reviewer(s)

- Internal review team: Jan Lehtinen
- Reviewer areas of expertise ([Using Combined Expertise to Evaluate Web Accessibility](#))
 - Web technologies
 - Validation tools for Web technologies
 - Web Content Accessibility Guidelines and Techniques
 - Approaches for evaluating Web accessibility
 - Use of a variety of evaluation tools for Web site accessibility
- Reviewers natural languages
 - Finnish
 - Swedish
 - English

5. Review Process

- Testing was done mainly for WCAG 2.1 AA criteria
- Tools used in the reviewing process
 - Lighthouse accessibility report
 - ARC Toolkit
 - OS X Voiceover and navigation with keyboard
 - Colorblind red-green testing with Colorblindly
 - ASLint
 - axe Accessibility
- Testing registration pages manually with keyboard navigation and above listed tools

6. Results and Recommended Actions

- Interpretative summary of review results
 - This website appears is close to meeting WCAG 2.1 AA
 - Accessibility features in which this site is strong include:
 - Form labels and aria attributes
 - Page can be zoomed on mobile

- Skip to content link for skipping navigation
- Contrast ratio is good
- Page flow is natural
- Recommended priorities for addressing inaccessible features of site:
 - External review done with involvement of people with disabilities in evaluation
 - Improvements based on external review results
 - Upload input field accessibility
 - Date input field accessibility
 - Error reporting in the form
 - Group and avec registrations
 - Selecting type of registered person

7. References

- [Web Content Accessibility Guidelines \(WCAG\) Overview](https://www.w3.org/WAI/intro/wcag)
https://www.w3.org/WAI/intro/wcag
- [Web Content Accessibility Guidelines 2.1](https://www.w3.org/TR/WCAG21/)
https://www.w3.org/TR/WCAG21/
- [Techniques for WCAG 2.1](https://www.w3.org/WAI/WCAG21/Techniques/)
https://www.w3.org/WAI/WCAG21/Techniques/
- [Accessibility Evaluation Resources](http://www.w3.org/WAI/eval/)
http://www.w3.org/WAI/eval/
- [Web Accessibility Evaluation Tools List](https://www.w3.org/WAI/ER/tools/)
https://www.w3.org/WAI/ER/tools/
- [Using Combined Expertise to Evaluate Web Accessibility](https://www.w3.org/WAI/eval/reviewteams)
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