

# **Accessibility Compliance Strategy (WCAG)**

**imc Learning Suite**

# Accessibility Compliance Strategy (WCAG)

Author(s): Helko Lehmann, Daniel Dahrendorf  
 Date: 2022-01-14

Document	Description
Version	14.11
Status (Draft / Review / Finalisation)	Finalisation
Contact person(s)	Product Management Team

History	Status	Who
2020-09-28	Draft	Helko Lehmann
2021-05-28	Review	Daniel Dahrendorf
2022-01-14	Review	Anika Rabe
2022-01-14	Finalisation	Dr. Peter Zönnchen

# Content

---

<b>1</b>	<b>Accessibility guidelines</b>	<b>4</b>
<b>2</b>	<b>Accessibility in the imc Learning Suite</b>	<b>5</b>
<b>3</b>	<b>Accessibility as a process</b>	<b>5</b>
<b>4</b>	<b>Accessibility of content</b>	<b>6</b>
<b>5</b>	<b>Accessibility scope (White list)</b>	<b>7</b>
<b>6</b>	<b>Accessibility limitations</b>	<b>8</b>

# 1 Accessibility guidelines

---

The Web Content Accessibility Guidelines (WCAG) are recommendations and guidelines provided by the World Wide Web Consortium ([W3C](#)) Web Accessibility Initiative ([WAI](#)). The goal of these are to make web applications accessible to people with disabilities. The latest standard is [WCAG 2.1](#) released 05 June 2018, which also covers most requirements from the [Section 508](#) and [ADA](#) guidelines.

The WCAG 2.1 guidelines consists of 4 principles and 13 guidelines:

- **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.
  - Guideline 1.2 Time-based Media
    - Provide alternatives for time-based media.
  - Guideline 1.3 Adaptable
    - Create content that can be presented in different ways (for example simpler layout) without losing information or structure.
  - Guideline 1.4 Distinguishable
    - Make it easier for users to see and hear content including separating foreground from background.
- **Operable** - User interface components and navigation must be operable.
  - Guideline 2.1 Keyboard Accessible
    - Make all functionality available from a keyboard.
  - Guideline 2.2 Enough Time
    - Provide users enough time to read and use content.
  - Guideline 2.3 Seizures and Physical Reactions
    - Do not design content in a way that is known to cause seizures or physical reactions.
  - Guideline 2.4 Navigable
    - Provide ways to help users navigate, find content, and determine where they are.
  - Guideline 2.5 Input Modalities
    - Make it easier for users to operate functionality through various inputs beyond keyboard.

- **Understandable** - Information and the operation of user interface must be understandable.
  - Guideline 3.1 Readable
    - Make text content readable and understandable.
  - Guideline 3.2 Predictable
    - Make Web pages appear and operate in predictable ways.
  - Guideline 3.3 Input Assistance
    - Help users avoid and correct mistakes.
  
- **Robust** - Content must be robust enough that it can be interpreted reliably 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.

## 2      **Accessibility in the imc Learning Suite**

---

imc Learning Suite supports to setup a WCAG 2.1 AA compliant learning environment.

## 3      **Accessibility as a process**

---

The imc Learning Suite has been built to be WCAG 2.1 AA compliant wherever possible. Currently, a number of elements are compliant, and our focus and commitment is to continuously improve and add features to ensure the learner experience is more accessible.

We welcome feedback and suggestions for accessibility improvements.

## 4 Accessibility of content

---

Accessibility of a platform can only be achieved if both the system and the content are accessible!

The accessibility of the content (e.g. courses, WBTs, files) is dependant on the content provider. Content that is created by customers or external parties needs to be ensured that either their content itself fulfils the accessibility guidelines or that they provide additional support such as captions or alternative, accessible content. The imc Learning Suite supports content creators by providing features for adding captions, transcripts and alternative content for multimedia files.

As well as the provisions within the imc Learning Suite, imc can also provide services for accessible content creation.

## 5 Accessibility scope (White list)

---

The focus of imc is to provide an accessible learning experience. Therefore we ensure accessibility can be reached in the areas of the imc Learning Suite which are core for the learner's experience. This white list is valid for imc Learning Suite 14.11.

We can assure that the following areas are compliant with accessibility guidelines:

- Navigation
- Common areas
  - Login
  - Registration
  - Profile (View/Edit)
  - Personal data
  - Change password
  - Delete profile
  - Imprint
  - Terms of use
  - Privacy policy
- Catalogue
- Course syllabus with the configurable layout
- Media pages for
  - File
  - Link
  - Multimedia file
  - WBT (HTML/AICC/SCORM/"xAPI/Tin Can")
  - Event
  - Activity
  - External LTI tools (1.1/1.3)

- Test and feedback with the following question types
  - Free text
  - Yes/no
  - Multiple choice (1 of n/n of n)
  - Matrix (single and multi selection)
- Dashboard with the following panels
  - Default panel
  - Course panel
  - Catalogue panel

## 6 Accessibility limitations

---

- Screen reader support is limited to JAWS 2019 in Chrome
- WCAG 2.1 AA can only be achieved, if the agreed customer design applies with the contrast and size requirements of WCAG 2.1 AA
- To ensure WCAG 2.1 guideline Enough Time (2.2), timing in tests needs to be disabled
- To ensure WCAG 2.1 guideline Language of Parts (3.1.2), it the language of the elements needs to fit to the chosen platform language
- There are limitations regarding advanced configurations in the areas white listed above
- For features not on the white list, accessibility cannot be ensured. The administrative frontend is not compliant to accessible standards.