LEHRPULS · COMPLIANCE

Accessibility Statement for LehrPuls and lehrpuls.com

Dr. Florian Hollomey is committed to ensuring digital accessibility for people with disabilities. We are continually improving the user experience for everyone and applying the relevant accessibility standards. This statement follows the W3C Web Accessibility Initiative's model statement and covers two things: the **LehrPuls application** (version 1.21.1: participant app, projector view, smartphone remote and cockpit) and the **website lehrpuls.com**. It was prepared on November 8, 2026.

Part A: The LehrPuls application

Scope

LehrPuls has three user interfaces. The **participant app** is a web page that participants open in the browser of a smartphone or laptop. The **projector view** is a window projected for the room; it has no controls. The **cockpit** is the instructor's desktop application (macOS and Windows). A small fourth page, the **smartphone remote**, lets the instructor control the session from their own phone.

Conformance status

The Web Content Accessibility Guidelines (WCAG) define requirements for designers and developers to improve accessibility for people with disabilities. They define three levels of conformance: Level A, Level AA, and Level AAA.

- The **participant app**, the **projector view** and the **smartphone remote** are **partially conformant** with WCAG 2.2 level AA. Partially conformant means that some parts of the content do not fully conform to the accessibility standard. The requirements that can be checked automatically are met; several requirements were checked by hand; testing with screen readers on real devices is still pending; and some content is known not to be accessible (see below).
- The **cockpit** has **not been assessed** as a whole. Individual checks exist (accessible names of all icon buttons on seven pages, keyboard operation of dialogs, contrast of filled buttons); one defect is known (focus can leave a modal dialog). We do not claim a conformance level for the cockpit.

A detailed Accessibility Conformance Report (VPAT 2.5 INT) with every WCAG 2.2 A/AA criterion per interface is published at https://lehrpuls.com/compliance.html.

Feedback

We welcome your feedback on the accessibility of LehrPuls. Please let us know if you encounter accessibility barriers:

- **E-mail:** office@lehrpuls.com
- **Postal address:** Dr. Florian Hollomey, Rohr 17, 8413 Ragnitz, Austria

Please name, if you can, the question type, the device and browser, and the assistive technology you used (for example VoiceOver or TalkBack). We try to respond to feedback within 5 business days. Reports go into the next version; this statement and the manual's accessibility chapter are updated with every review.

Compatibility with browsers and assistive technology

The participant app is designed to work in the current versions of Safari (iOS, macOS), Chrome (Android, desktop), Firefox and Edge. It follows the device's dark mode and language, allows pinch zoom, and needs no horizontal scrolling at 320 px width. Formulas are rendered visually and additionally delivered as MathML for screen readers.

Not yet tested: operation with VoiceOver (iPhone, iPad, Mac) and TalkBack (Android) on real devices, and testing by people with disabilities. We will update this section after the first such test.

The cockpit runs in the operating system's web view (WebKit on macOS, WebView2 on Windows); compatibility with VoiceOver and Narrator/NVDA has not been tested.

Technical specifications

Accessibility of LehrPuls relies on the following technologies to work with the particular combination of web browser and any assistive technologies or plugins installed on your device: HTML, WAI-ARIA, CSS, JavaScript, SVG and MathML. These technologies are relied upon for conformance with the accessibility standards used.

Limitations and alternatives

Despite our best efforts to ensure accessibility of LehrPuls, there are some limitations. Below is a description of known limitations and potential solutions. Please contact us if you observe an issue not listed below.

1. **Alternative text of images in questions.** When an instructor inserts an image, LehrPuls sets the default text "Bild" (image); the instructor must replace it with a description. Images on answer choices, on matching items and the image of an image question have no alternative-text field. *Alternative:* instructors are asked in the manual to describe the image in the question text; we plan a prompt for missing alternative text.
2. **Image question and "labeling an image".** Participants who cannot see the image can answer only if the question text describes the spots in words. *Alternative:* the spots are read as "Spot 1", "Spot 2" and so on, and the instructor can describe them in the text.
3. **Sketch answer.** The drawing area requires a finger, pen or mouse. *Alternative:* a text field is always offered next to it.
4. **Time limits.** While a timer runs, participants cannot extend it themselves. *Alternative:* the instructor can extend or pause the timer or ask without a timer; this is the intended way for participants entitled to extra time.
5. **Projector view.** The projected window blocks zooming; it is enlarged through the projector control in the cockpit. *Alternative:* the same content is on each participant's own device, where zoom works.
6. **Idea wall on the projector.** The hint shown on an empty idea wall has a contrast of 2.58:1 (found October 28, 2026). *Alternative:* the hint is informational only; a fix is scheduled for the next release.
7. **Smartphone remote.** After connecting, the main button has no accessible name until the first state arrives from the cockpit, usually within a second (found October 28, 2026). A fix is scheduled for the next release.

8. **Cockpit dialogs.** In the modal dialog "New course", keyboard focus can leave the dialog after the last control and return via the sidebar (found October 28, 2026). *Alternative:* the dialog remains operable; Enter saves and Escape closes it. Cause under investigation.

Assessment approach

Dr. Florian Hollomey assessed the accessibility of LehrPuls by **self-evaluation**:

- Automated testing with axe-core 4.10.2 (all WCAG 2.0, 2.1 and 2.2 rules at levels A and AA) over every view of the participant app — the join page and all 20 question types, each while open and after the reveal, at 320 px width, in light and dark mode — the projector window (one snapshot per question type, open and revealed), and both pages of the smartphone remote. Runs on October 16, October 28 and November 2, 2026. Six contrast defects found on October 16 and two found later were fixed; the confirmation run found none.
- Scripted keyboard tests: joining and answering in the participant app with Tab, Space and Enter only, with focus visibility recorded per step; tab order, Enter and Escape in cockpit dialogs; accessible names of 95 icon buttons on seven cockpit pages.
- Contrast measurement from computed colors for the cockpit's filled buttons (4.62:1 and 6.19:1), the projector's text at 1920 × 1080 (smallest 4.59:1, text at least 35 px) and all views of the participant app.
- Manual check that every question type can be answered without a mouse and without dragging.

The test procedure is part of the release checklist and is repeated before every release.

Formal approval

This accessibility statement is approved by Dr. Florian Hollomey, owner and developer of LehrPuls.

Part B: The website lehrpuls.com

Scope

The website lehrpuls.com provides downloads, documentation (manual, quick reference, step-by-step guides with pictures), the order page and legal pages, in German and English.

Conformance status

The accessibility of lehrpuls.com has **not yet been evaluated** against WCAG 2.2. We therefore make no conformance claim for the website at this time. What we can state about its construction: the pages are static HTML with heading structure and text content; they use no cookies, analytics or third-party content; they follow the visitor's light or dark color scheme; the content pages work without JavaScript (the order page needs JavaScript for the payment dialog, which loads only when the buyer chooses online payment); documents are offered both as HTML pages and as PDF files generated from the same HTML. The PDFs have not been checked against PDF/UA.

A self-evaluation of the website with axe-core and a keyboard pass is planned; this statement will be updated with the result.

Feedback

Please report barriers on lehrpuls.com to office@lehrpuls.com. If a document on the site is not accessible to you, tell us which one; we will provide the content in another form (for example as HTML or plain text) within 5 business days.

Technical specifications

HTML, CSS, SVG; JavaScript only on the order page and for download counting.

Date

This statement was created on **November 8, 2026**. It will be reviewed with every release of LehrPuls and at the latest on November 8, 2027.