

Accessibility Conformance Report

(VPAT 2.5 WCAG 2.2 AA)

Report Name: Accessibility Conformance Report: Magnet & Author Content (Mercury)

Report Date: 17th June 2025

Products Covered:

Avalain Magnet

Avalain Magnet is a powerful learning management system with peerless content creation tools. Tailored to the educational sector, it enables you to develop, enhance, deliver and analyse world-class digital products, courses and programmes.

Avalain Author Content (Mercury Design Pack Family)

Avalain Author is the world's most flexible and powerful authoring solution for interactive educational content, developed in partnership with leading publishers. Mercury is the out-of-the-box, fully responsive, accessible and configurable design pack for displaying rich interactive educational content.

Standards: WCAG 2.2 Level A & AA

Evaluation Methods:

To ensure accessibility across different user needs, we test our products using:

- Operating Systems: Windows, macOS, Android, iOS,
- Browsers: Chrome, Edge, Safari
- Assistive Technologies:
 - Screen Readers (NVDA, VoiceOver)
 - Keyboard Navigation & Alternative Input Methods
 - High Contrast & Custom Display Settings

Testing is done manually, using both external audits (by the Digital Accessibility Centre) and internal audits by dedicated QA engineers.

We continuously evaluate and update our testing approach to align with evolving accessibility standards and user feedback.



Revision History

Revision	Date	Notes
1.0	17th June 2025	Initial revision

Terms

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

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

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

Not Applicable: This means the criterion is not relevant to the product.



WCAG 2.2 Conformance Summary

The table below summarises the conformance status per WCAG 2.2 A/AA success criterion for both Magnet and Author Content. This report applies only to the accessibility of Avallain Author content, not the Authoring Tool interface itself.

WCAG 2.2 Success Criterion	Avallain Magnet	Avallain Author Content (Mercury)	Remarks
1.1.1 Non-Text Content	Supports	Supports	Alt text support in Author; clear image labelling in Magnet
1.2.1 Audio-Only / Video-Only	Supports	Supports	Transcripts provided or content marked as not relevant
1.2.2 Captions (Prerecorded)	Supports	Supports	Subtitles are required for video
1.2.3 Audio Description	Supports	Partially Supports	This is well supported via transcripts, with the exception that a video only displaying subtitles does not separately provide an audio description. This will be supported in an upcoming release.
1.2.4 Captions (Live)	Partially Supports	Not Applicable	Magnet integrates with third-party video conferencing tools (Zoom, Microsoft Teams) which support live captions. Magnet does not provide live video functionality; captioning availability depends on the external service configuration and usage.
1.3.1 Info & Relationships	Partially Supports	Supports	Semantic markup and structured templates are used throughout. A known issue impacts the Magnet Create tool, where the programmatic relationship and structure are not fully represented.
1.3.2 Meaningful Sequence	Supports	Supports	Logical reading and tab order



1.3.3 Sensory Characteristics	Supports	Supports	Instructions are descriptive
1.3.4 Orientation	Supports	Supports	Responsive layouts
1.3.5 Identify Input Purpose	Supports	Supports	Proper field roles and metadata
1.4.1 Use of Colour	Supports	Supports	No meaning conveyed by colour alone
1.4.3 Contrast (Minimum)	Supports	Supports	Minimum 4.5:1 ratio met
1.4.4 Resize Text	Supports	Supports	Zoom to 200% without loss
1.4.5 Images of Text	Supports	Supports	Avoided unless essential
1.4.10 Reflow	Supports	Supports	Reflow at 320 CSS pixels. A limited case exists within the ' Identify: Radiobutton: Columns ' activity type where increasing text size or magnification can cause some content to become obscured.
1.4.11 Non-Text Contrast	Supports	Supports	3:1 ratio for UI elements
1.4.12 Text Spacing	Supports	Supports	Compatible with user overrides
1.4.13 Hover/Focus Content	Supports	Supports	Dismissible overlays, tooltips
2.1.1 Keyboard	Supports	Supports	Keyboard control is supported throughout
2.1.2 No Keyboard Trap	Supports	Supports	Focus escapes allowed
2.1.4 Character Key Shortcuts	Not Applicable	Not Applicable	No single-key shortcuts used
2.2.1 Timing Adjustable	Partially Supports	Supports	Adjustments or warnings are available
2.2.2 Pause, Stop, Hide	Not Applicable	Supports	Dynamic content controllable



2.3.1 Three Flashes or Below	Supports	Supports	No flashing content used
2.4.1 Bypass Blocks	Supports	Partially Supports	Skip links and ARIA landmarks are implemented throughout all activity types. The digital book player includes navigation controls such as a table of contents, deep linking and accessible keyboard navigation. While no explicit 'skip to content' link exists, the structure and tab order enable users to bypass repeated navigation controls. Content authors are responsible for ensuring the content is logically structured within the reading flow.
2.4.2 Page Titled	Supports	Supports	Titles reflect context
2.4.3 Focus Order	Supports	Supports	Logical navigation
2.4.4 Link Purpose	Supports	Supports	Contextual links throughout
2.4.5 Multiple Ways	Supports	Supports	Navigation via menus, search, breadcrumbs
2.4.6 Headings and Labels	Supports	Partially Supports	Meaningful and descriptive labels are used throughout. In very limited scenarios, in 'Input:Completion:Crossword' and 'Identify:Select:Dropdown' , some headings and labels are not yet sufficiently descriptive.
2.4.7 Focus Visible	Supports	Supports	Clear focus indicators
2.4.11 Focus Not Obscured (Minimum)	Supports	Supports	Focus indicators remain visible
2.4.12 Focus Not Obscured (Enhanced)	Supports	Supports	Focus indicators remain unobscured at all times
2.4.13 Focus Appearance	Supports	Supports	Enhanced styling for focus states present



2.5.1 Pointer Gestures	Supports	Supports	Single-pointer control
2.5.2 Pointer Cancellation	Supports	Supports	Undo/cancel is available for actions
2.5.3 Label in Name	Supports	Supports	Visual and accessible names match
2.5.4 Motion Actuation	Not Applicable	Not Applicable	No motion detection used
2.5.7 Dragging Movements	Supports	Supports	Drag interactions are not required
2.5.8 Target Size (Minimum)	Supports	Supports	Click/tap targets meet minimum size requirements
3.1.1 Language of Page	Supports	Supports	Declared language metadata
3.1.2 Language of Parts	Supports	Supports	Inline language supported
3.2.1 On Focus	Supports	Supports	Focus doesn't trigger change
3.2.2 On Input	Supports	Supports	Input doesn't cause navigation
3.2.3 Consistent Navigation	Supports	Supports	Navigation remains consistent
3.2.4 Consistent Identification	Supports	Supports	UI elements are consistently labelled
3.2.6 Consistent Help	Supports	Supports	Help options remain available consistently
3.3.1 Error Identification	Supports	Supports	Errors are flagged and explained
3.3.2 Labels or Instructions	Partially Supports	Supports	Inputs are labelled except for Magnet, a part of Magnet Create, where some UI components are currently missing labels.
3.3.3 Error Suggestion	Supports	Supports	Suggestions offered where applicable
3.3.4 Error Prevention	Supports	Not Applicable	Authoring and publishing, not transactional



3.3.7 Redundant Entry	Supports	Supports	No redundant entry required
4.1.1 Parsing	Supports	Supports	Valid markup
4.1.2 Name, Role, Value	Supports	Supports	Correct ARIA and semantic roles
4.1.3 Status Messages	Supports	Supports	ARIA live regions are used for dynamic changes

Covered Activity Types

All the following Mercury activity types are confirmed as WCAG 2.2 AA compliant when published through Avallain Author.

Activity Type	Magnet name
Identify:Mark:Autocorrect	Finding errors
Identify:Mark:Marking	Highlighting
Identify:Select:Checkbox	Multiple choice
Identify:Select:Dropdown	Gapfill dropdown
Identify:Select:Linking Lines	Linking
Identify:Select:Linking Multiple Lines	Multiple Linking
Identify:Select:Pelmanism	Memory Cards
Identify:Select:Radiobutton	Single choice
Input:Completion:Crossword	Crossword
Input:Completion:Text Correction	Text correction
Input:Completion:Text Gap	Gapfill type in
Input:Completion:Text Gap (Label an Object)	Labelling type in
Input:Creative:Dialogue Recording	Dialogue Recording
Input:Creative:Free Writing	Free writing
Input:Creative:Free Writing 2 columns	Free writing 2 columns
Input:Match:Voice	Pronunciation
Order:Match:Pairs	Pairs
Order:Match:Text Gap	Gapfill drag



Order:Match:Text Gap (Label an Object)	Labelling drag
Order:Sequence:Sequence	Ordering
Order:Sort:Sorting	Grouping
Present:Present:eBook (MercuryBook)	Digital Book
Present:Present:Flashcards	Flashcards
Present:Present:Media	Media
Present:Present:Present	Presenting

Accessibility Enhancements & Roadmap

- AI-assisted media description and alt-text generation tools: **Available**
 - Built-in accessibility training for editors: **Available** in Avallain Author
 - Gradual expansion of accessible activity types across Mercury variants: **Ongoing**
 - Continuous improvement cycles aligned with WCAG 2.2 updates and customer feedback: **Ongoing**
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Remarks on Third-Party Components

While Author content meets WCAG 2.2 AA criteria, it can include integrations with third-party tools such as **WirisQuizzes**, **Geogebra**, or other **external content**. The creators of this external content are responsible for its accessibility.

Magnet integrates with third-party tools like **Zoom**, **Microsoft Teams** and **LTI-based content**. Accessibility of these external platforms is the responsibility of their respective vendors.

Legal Disclaimer

This report reflects the current accessibility status of Author content produced using Mercury design packs as of the stated evaluation date. Conformance levels are subject to change as the product evolves and undergoes continued accessibility improvements.



Feedback & Support

If you have questions, encounter issues, or would like assistance related to accessibility, please reach out via:

<https://www.avallain.com/company/contact-us/general>