

Tiki-Toki Timelines Accessibility Conformance Report

VPAT® Version 2.5, WCAG edition · 21 October 2026

This report covers Tiki-Toki timelines as people see them, on tiki-toki.com or embedded in another website. With the WCAG option turned on, they partially support WCAG 2.2 Level AA. They support most criteria; the rest depend on what the author adds (alt text, captions, transcripts) or have not yet been confirmed with screen readers.

The editor that authors use to build timelines, and the account pages around it, are covered by a separate report: the Tiki-Toki Authoring Accessibility Conformance Report.

Product information

Item	Details
Product name	Tiki-Toki published timelines, viewed on tiki-toki.com or embedded, with the WCAG option turned on
Version	2026-10-20
Report date	21 October 2026
Vendor	Webalon
Contact	hello@tiki-toki.com
Product description	Tiki-Toki publishes interactive timelines in a web page, which customers can also embed in their own websites with an iframe. Viewers browse stories in 2D or 3D views, open a story panel with text, images, video and audio, play a placement game, and (where enabled) log in to group-edit. The WCAG option adds an accessibility layer (timeline-wcag.css and timeline-wcag.js) on top of the standard viewer.
Scope	Published timelines, viewed directly or embedded. The timeline editor and account pages are covered by the separate authoring report. Map stories and the legacy Flash media player are not covered.

Evaluation methods used

This is a self-assessment by the vendor. No independent audit has been done yet.

- **Automated testing:** axe-core 4.10 with all WCAG 2.0, 2.1 and 2.2 A and AA rules, with no violations found.
- **Scripted keyboard testing:** every control, panel, dialog and the game were operated by keyboard alone, checking focus order, focus visibility and focus return.
- **Contrast checks:** colours were measured against the backgrounds actually drawn, including author-chosen colours and pictures.
- **Code review:** used for criteria that tools cannot check and for browsers that were not run.
- **Sample timelines:** five timelines covering 3D, Standard, Category Bands, Coloured Stories and Duration views; lightbox styles 0, 1 and 2; spans; game mode; group edit; embed mode; and video, audio and image stories.
- **Browsers and sizes:** tests last run on 14 October 2026, in Chromium only, at 1280×800, 640×400 (equivalent to 200% zoom) and 320×640.
- **Not yet done:** testing with screen readers (NVDA, JAWS, VoiceOver), testing in Firefox, Safari and Edge, and testing by disabled users. Remarks below that mention screen readers are based on code review and automated checks, not on listening to the output.

Applicable standards

This report covers WCAG 2.2 Level A and Level AA. Because WCAG 2.2 includes all of 2.0 and 2.1, the same results apply to those versions. Level AAA was not evaluated. Criterion 4.1.1 Parsing was removed in WCAG 2.2 and is not listed.

Conformance terms used in the tables

Term	Meaning
Supports	The functionality meets the criterion without known defects, within the scope above.
Partially Supports	Some functionality does not meet the criterion, meeting it depends on what the timeline author provides, or it passed every test run but has not yet been confirmed with a screen reader.
Does Not Support	Most functionality does not meet the criterion.
Not Applicable	The criterion does not apply to the product.

Table 1: Success criteria, Level A

Criteria	Conformance level	Remarks and explanations
1.1.1 Non-text Content	Partially Supports	The 3D canvas is matched by a keyboard story navigator listing every story. Card thumbnails, span pictures and the default audio picture are marked decorative. Story images use the author's caption as alt text; when the caption is empty the fallback is "Image for {headline}", which is not a real description.
1.2.1 Audio-only and Video-only (Prerecorded)	Partially Supports	Depends on the author. A transcript can be placed in the story text; the editor has no dedicated transcript field.
1.2.2 Captions (Prerecorded)	Partially Supports	YouTube and Vimeo videos show captions when the author has added them on that platform. Linked MP4 files play without captions, because the player cannot yet load a caption file.

Criteria	Conformance level	Remarks and explanations
1.2.3 Audio Description or Media Alternative (Prerecorded)	Partially Supports	Depends on the author providing a transcript in the story text or a described version of the video.
1.3.1 Info and Relationships	Partially Supports	Landmarks, headings, dialogs, tab lists, radio groups, checkboxes, sliders and form labels are exposed in code. Structure inside story text depends on the author's HTML. Not yet confirmed with screen readers.
1.3.2 Meaningful Sequence	Supports	The below-timeline story list is moved after the timeline in the reading order to match the visual order.
1.3.3 Sensory Characteristics	Supports	Instructions do not rely on shape, position or sound alone.
1.4.1 Use of Color	Supports	Links in the story list and span credits are underlined. Selected states are exposed with text and ARIA, not colour alone.
1.4.2 Audio Control	Supports	Audio and video only start after the viewer presses Play, and the player has its own pause and volume controls.
2.1.1 Keyboard	Supports	All viewer functions work by keyboard, including the 3D view (story navigator), slider, story panel, image viewer, gallery, controls panel, game mode and group edit login. Map stories were not tested.
2.1.2 No Keyboard Trap	Supports	Dialogs keep focus inside while open by design; Esc or Close always leaves them.
2.1.4 Character Key Shortcuts	Supports	Shortcuts use arrow keys, Enter and Esc only, and only run when focus is not on a control.

Criteria	Conformance level	Remarks and explanations
2.2.1 Timing Adjustable	Supports	The viewer has no time limits.
2.2.2 Pause, Stop, Hide	Supports	Auto-play has a visible Pause and Resume button, pauses when a keyboard user focuses the timeline, and does not start when the viewer prefers reduced motion.
2.3.1 Three Flashes or Below Threshold	Supports	The viewer has no flashing content. Author video is outside the vendor's control.
2.4.1 Bypass Blocks	Supports	A skip link moves to the story navigator, and the page has banner, navigation and main landmarks.
2.4.2 Page Titled	Supports	The page title is the timeline title.
2.4.3 Focus Order	Supports	Focus follows the visual order, moves into dialogs and panels when they open, and returns to the control that opened them.
2.4.4 Link Purpose (In Context)	Supports	The viewer's own links and buttons are named. Link text inside story bodies is written by the author.
2.5.1 Pointer Gestures	Supports	Dragging the stage and slider has single-click and keyboard alternatives. No multipoint gestures are needed.
2.5.2 Pointer Cancellation	Partially Supports	Some of the original viewer's controls may act on mouse down rather than on release. This was not checked control by control.
2.5.3 Label in Name	Partially Supports	Controls with visible text were given names that start with that text, but this was checked by code review only, not control by control in the browser.

Criteria	Conformance level	Remarks and explanations
2.5.4 Motion Actuation	Not Applicable	No functions are triggered by device motion.
3.1.1 Language of Page	Supports	The page language is set from the timeline's language setting.
3.2.1 On Focus	Supports	Focus alone does not change context. Keyboard focus pauses auto-play rather than moving content.
3.2.2 On Input	Supports	Changing filters, view type and zoom updates the timeline in place without moving focus.
3.2.6 Consistent Help	Not Applicable	The timeline is a single page with no help mechanism repeated across pages.
3.3.1 Error Identification	Supports	Group edit login errors are announced, failing fields are marked invalid, and each field's hint is read out.
3.3.2 Labels or Instructions	Supports	Form fields, the search box and selects are labelled; hints show on focus as well as hover.
3.3.7 Redundant Entry	Not Applicable	No multi-step processes ask for the same information twice.
4.1.2 Name, Role, Value	Partially Supports	Custom controls have roles, names and states (pressed, selected, expanded, slider values). Embedded video and map frames are titled, and native players are named after the story. Not yet confirmed with screen readers.

Table 2: Success criteria, Level AA

Criteria	Conformance level	Remarks and explanations
1.2.4 Captions (Live)	Not Applicable	The viewer has no live media.
1.2.5 Audio Description (Prerecorded)	Partially Supports	Depends on the author providing a described version of the video or describing visual content in the story text.
1.3.4 Orientation	Supports	The viewer does not lock orientation. Tested in a 320 × 640 portrait window as well as landscape.
1.3.5 Identify Input Purpose	Supports	The group edit name field has autocomplete="name". Other fields do not collect personal data.
1.4.3 Contrast (Minimum)	Supports	Text is checked at runtime against the colours and pictures the author chose, and adjusted or given a backing to reach 4.5:1. This covers story cards, the story panel in all three lightbox styles, spans, the slider, the scale, the top bar and game mode. Colours written into story text HTML by the author are not adjusted.
1.4.4 Resize Text	Supports	Pinch zoom is no longer blocked. Tested at the equivalent of 200% zoom without loss of content or function.
1.4.5 Images of Text	Partially Supports	The 3D view paints story titles onto a canvas, which makes them images of text. The same text is available as real text in the story navigator and story panel.
1.4.10 Reflow	Supports	No horizontal scrolling at 320 CSS pixels wide, apart from the timeline itself, which needs a two-dimensional layout. At that size the story panel close icon sits slightly under the top edge but stays reachable.

Criteria	Conformance level	Remarks and explanations
1.4.11 Non-text Contrast	Supports	Focus rings use the timeline's main colour adjusted to at least 3:1, over a dark inner ring. Icon buttons are at least 3:1.
1.4.12 Text Spacing	Partially Supports	Not yet tested. Fixed-size story cards and labels may clip text when spacing is increased, so this is reported as partial until tested.
1.4.13 Content on Hover or Focus	Supports	Slider tooltips can be dismissed with Esc. Group edit hints show on focus and stay while the field has focus.
2.4.5 Multiple Ways	Supports	Stories can be reached through the story navigator, search, category filters, the slider and the timeline itself.
2.4.6 Headings and Labels	Supports	Dialogs are named by their headline and controls have descriptive labels.
2.4.7 Focus Visible	Supports	A 3px focus ring appears for keyboard users on every control, including gallery images, thumbnails and the timeline stage.
2.4.11 Focus Not Obscured (Minimum)	Supports	Controls scrolled off the stage are taken out of the Tab order, and focused links in the story panel scroll into view.
2.5.7 Dragging Movements	Supports	The slider, stage and game all have click or keyboard alternatives to dragging.
2.5.8 Target Size (Minimum)	Partially Supports	The story panel close icon was enlarged to 24×26 pixels. Other controls checked were at least 24 pixels or spaced apart. Not every control was measured.

Criteria	Conformance level	Remarks and explanations
3.1.2 Language of Parts	Partially Supports	The viewer's own text is in the page language. The editor gives authors no way to mark story text written in another language.
3.2.3 Consistent Navigation	Supports	The timeline is a single page; its navigation stays in the same place.
3.2.4 Consistent Identification	Supports	Controls with the same function are named the same way throughout.
3.3.3 Error Suggestion	Supports	Group edit login errors read out each failing field's hint, such as the minimum name length.
3.3.4 Error Prevention (Legal, Financial, Data)	Not Applicable	The viewer does not take legal commitments, payments or user data changes.
3.3.8 Accessible Authentication (Minimum)	Supports	The group edit login uses a name and a secret word. Pasting into both fields is not blocked (confirmed in the code), so password managers and copy and paste work.
4.1.3 Status Messages	Partially Supports	Story changes, "on screen" counts, search results, gallery position, game results and form errors are announced through live regions without moving focus. Not yet confirmed with screen readers.

Author responsibilities and known limitations

A published timeline's accessibility also depends on what its author adds. Authors are responsible for:

- Meaningful image captions, which are used as alt text.
- Captions on videos, ideally by hosting them on YouTube or Vimeo with reviewed captions.
- Transcripts for audio, in the story text.
- Descriptive link text and sensible heading structure in story text.

- When embedding, a title on the iframe that names the timeline, added to the embed code if it has none.

Known limitations of the product:

- Not yet tested with screen readers or in browsers other than Chromium.
- Map stories and the legacy Flash media player are outside this report. The timeline editor is covered by the separate authoring report.
- Timelines with the WCAG option turned off do not get the fixes described here.

The WCAG option is an accessibility layer added on top of the standard viewer. Report problems to the accessibility contact above. Our accessibility statement is at tiki-toki.com/accessibility/.

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