

Brush Ninja Accessibility Conformance Report

WCAG Edition

(Based on VPAT[®] Version 2.5Rev)

Name of Product/Version:

Brush Ninja Website and Apps

Report Date:

6th November 2025

Product Description:

Brush Ninja is a creative website offering a collection of browser-based tools and games, with a focus on accessible, playful creativity. Its main feature is the Brush Ninja animation editor, a simple frame-by-frame drawing tool that lets users create and export animated GIFs directly in the browser. All apps run entirely client-side, require no installation, and work across desktop, tablet, and mobile devices.

Contact Information:

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Notes:

This VPAT covers the Brush Ninja website and web-based animation app. The product has been reviewed against WCAG 2.1 Levels A, AA, and AAA.

Brush Ninja fully supports all Level A and AA success criteria, with only a few partial exceptions relating to drawing-based interactions and custom drag-and-drop tools that rely on pointer input. At Level AAA, many criteria are also supported, with partial compliance where enhanced or specialised features (such as audio description or passwordless authentication) are not applicable or currently unavailable.

Accessibility is an ongoing process. The Brush Ninja team regularly reviews and improves usability, colour contrast, focus indicators, and keyboard navigation to ensure a smooth experience for everyone.

If you encounter any accessibility barriers or have suggestions for improvement, please [contact us](#)

Evaluation Methods Used:

Brush Ninja was evaluated through a combination of manual testing and automated analysis. Automated checks were performed using tools such as axe DevTools, Lighthouse, and WAVE to identify common accessibility issues. Manual testing covered keyboard navigation, focus visibility, colour contrast, zoom and reflow behaviour, and screen reader compatibility. Testing was completed using modern desktop and mobile browsers in both light and dark modes.

Applicable Standards/Guidelines

This report covers the degree of conformance for the following accessibility standard/guidelines:

Standard/Guideline	Included In Report
Web Content Accessibility Guidelines 2.0	Level A (Yes) Level AA (Yes) Level AAA (Yes)
Web Content Accessibility Guidelines 2.1	Level A (Yes) Level AA (Yes) Level AAA (Yes)
Web Content Accessibility Guidelines 2.2	Level A (Yes) Level AA (Yes) Level AAA (Yes)

Terms

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

- **Supports:** The functionality of the product has at least one method that meets the criterion without known defects or meets with equivalent facilitation.
- **Partially Supports:** Some functionality of the product does not meet the criterion.
- **Does Not Support:** The majority of product functionality does not meet the criterion.
- **Not Applicable:** The criterion is not relevant to the product.
- **Not Evaluated:** The product has not been evaluated against the criterion. This can only be used in WCAG Level AAA criteria.

WCAG 2.x Report

Note: When reporting on conformance with the WCAG 2.x Success Criteria, they are scoped for full pages, complete processes, and accessibility-supported ways of using technology as documented in the [WCAG 2.0 Conformance Requirements](#).

Table 1: Success Criteria, Level A

Criteria	Conformance Level	Remarks and Explanations
1.1.1 Non-text Content (Level A)	Supports	All functional icons and controls have accessible labels. Decorative images are hidden from assistive technology.
1.2.1 Audio-only and Video-only (Prerecorded) (Level A)	Supports	All embedded videos include descriptive captions. Captions are linked to the video element using aria-labelledby for accessibility.
1.2.2 Captions (Prerecorded) (Level A)	Supports	User-generated animations are silent and do not require captions. Third-party YouTube tutorial embeds include captions provided by YouTube.
1.2.3 Audio Description or Media Alternative (Prerecorded) (Level A)	Supports	All curated gallery videos include descriptive figcaptions that convey the visual content. These captions provide equivalent information for users who cannot see the animations.
1.3.1 Info and Relationships (Level A)	Supports	The interface uses semantic HTML elements and ARIA roles to preserve structure and relationships. Minor exceptions may exist in legacy components.
1.3.2 Meaningful Sequence (Level A)	Supports	Interface elements follow a logical focus order. A visible highlight indicates the currently focused item to support keyboard and screen reader navigation.
1.3.3 Sensory Characteristics (Level A)	Supports	Interactive elements include icons with text or accessible labels. The interface does not rely solely on colour, shape, or position to convey meaning.
1.4.1 Use of Color (Level A)	Supports	Colour is not used as the sole means of conveying information. Tool and tab states are indicated by both colour and visual styling such as outlines or background changes.
1.4.2 Audio Control (Level A)	Supports	No audio plays automatically. User-created videos include standard playback controls for pausing or muting. Sound effects and music only play after explicit user interaction.
2.1.1 Keyboard (Level A)	Partially Supports	All interface controls are operable via keyboard. Drawing interactions require pointer input, which is typical for graphics applications.
2.1.2 No Keyboard Trap (Level A)	Supports	Users can navigate into and out of all interactive components using the keyboard. Focus management

Criteria	Conformance Level	Remarks and Explanations
		for modals and dialogs is handled correctly, with no known keyboard traps.
2.1.4 Character Key Shortcuts (Level A 2.1 and 2.2)	Supports	The application provides a setting to disable single-character shortcuts. Modified shortcuts (Ctrl/Cmd) remain available.
2.2.1 Timing Adjustable (Level A)	Supports	The application does not impose time limits (no auto-logout, countdowns, or timed submissions).
2.2.2 Pause, Stop, Hide (Level A)	Supports	No auto-moving content. Gallery videos require user action to play. Editor animations are user-controlled via play/stop UI and Space to toggle.
2.3.1 Three Flashes or Below Threshold (Level A)	Supports	Brush Ninja does not include any content that flashes more than three times per second. Users can create custom animations that do flash, the website itself does not intentionally generate or promote flashing effects.
2.4.1 Bypass Blocks (Level A)	Supports	Brush Ninja and its related apps provide a “Skip to main content” link and use semantic HTML landmarks (<code><main></code> , <code><nav></code> , <code><header></code>), allowing users to bypass repeated blocks of content.
2.4.2 Page Titled (Level A)	Supports	All Brush Ninja pages and apps use unique, descriptive <code><title></code> elements that identify purpose and content. Titles aid screen reader users and improve navigation.
2.4.3 Focus Order (Level A)	Supports	Keyboard focus moves through Brush Ninja’s interfaces in a logical, consistent order that matches the visual layout. Modals correctly trap focus while open and return it to the triggering control when closed.
2.4.4 Link Purpose (In Context) (Level A)	Supports	Links and buttons in Brush Ninja and its related apps use descriptive, meaningful text. Occasional “Read more” links appear in blog posts but are presented with sufficient context. Linked images include <code>alt</code> or <code>title</code> text.
2.5.1 Pointer Gestures (Level A 2.1 and 2.2)	Supports	Brush Ninja and its related apps do not use multipoint or path-based gestures. All interactions can be performed with a single pointer input such as a mouse click or screen tap.

Criteria	Conformance Level	Remarks and Explanations
2.5.2 Pointer Cancellation (Level A 2.1 and 2.2)	Supports	Most interactive actions in Brush Ninja and its apps trigger on pointer release. Drawing actions begin on pointer down but can be easily undone via an undo button or keyboard shortcut, providing an effective way to cancel unintended input.
2.5.3 Label in Name (Level A 2.1 and 2.2)	Supports	All buttons use visible text or matching accessible names. Icon-only buttons include appropriate aria-labels that match tooltips or visible labels, ensuring consistent identification for assistive technologies and voice control.
2.5.4 Motion Actuation (Level A 2.1 and 2.2)	Supports	Brush Ninja does not use device motion for any actions. All functions are available through standard controls.
3.1.1 Language of Page (Level A)	Supports	All Brush Ninja pages and apps specify the primary language using lang="en" on the <html> element. No mixed-language content is present.
3.2.1 On Focus (Level A)	Supports	In Brush Ninja and its related apps, receiving focus highlights interactive elements but does not trigger any automatic changes of context or content.
3.2.2 On Input (Level A)	Supports	Changing input values in Brush Ninja or its apps may update on-screen properties but does not trigger navigation, submit forms, or cause unexpected context changes.
3.2.6 Consistent Help (Level A 2.2 only)	Supports	Brush Ninja and its related apps provide consistent access to help content. Each page includes a Help option in the navigation, and each app includes either a Help menu item or integrated help content in a predictable location.
3.3.1 Error Identification (Level A)	Supports	Forms in Brush Ninja and its related apps provide clear error identification. Browser validation highlights invalid fields, and additional text error messages appear on submission. Error-handling is mainly relevant for user account and contact forms.
3.3.2 Labels or Instructions (Level A)	Supports	All input elements in Brush Ninja and its related apps include clear labels. Where additional help text is present, aria-describedby can be used to

Criteria	Conformance Level	Remarks and Explanations
		associate it with the corresponding field for screen reader users.
3.3.7 Redundant Entry (Level A 2.2 only)	Supports	No user flows require entering the same information more than once. Forms and app processes avoid duplicate entry.
4.1.1 Parsing (Level A) WCAG 2.0 and 2.1 – Always answer ‘Supports’ WCAG 2.2 (obsolete and removed) - Does not apply	Supports	For WCAG 2.0 and 2.1, the September 2023 errata update indicates this criterion is always supported. See the WCAG 2.0 Editorial Errata and the WCAG 2.1 Editorial Errata .
4.1.2 Name, Role, Value (Level A)	Supports	All interactive elements, including the zoom reset control, use native HTML elements that correctly expose their name, role, and state to assistive technologies.

Table 2: Success Criteria, Level AA

Criteria	Conformance Level	Remarks and Explanations
1.2.4 Captions (Live) (Level AA)	Not Applicable	Brush Ninja and its related apps do not include live audio or video content. Therefore, live captions are not required.
1.2.5 Audio Description (Prerecorded) (Level AA)	Not Applicable	Brush Ninja and its related apps do not include pre-recorded video content featuring people or other visual information that requires audio description.
1.3.4 Orientation (Level AA 2.1 and 2.2)	Supports	Brush Ninja and its related apps support both portrait and landscape orientations. Some layouts are optimised for larger screens, but all functions remain usable in any orientation.
1.3.5 Identify Input Purpose (Level AA 2.1 and 2.2)	Supports	Forms in Brush Ninja use standard HTML autocomplete attributes for common personal information fields, allowing browsers and assistive technologies to identify input purpose.
1.4.3 Contrast (Minimum) (Level AA)	Supports	All text and essential UI elements in Brush Ninja meet or exceed the required contrast ratio of 4.5:1 (3:1 for large text). Colours have been adjusted to ensure compliance across all interfaces.
1.4.4 Resize text (Level AA)	Supports	All Brush Ninja pages and apps support browser zoom. Text and interface elements scale correctly up to 200% without loss of content or functionality.
1.4.5 Images of Text (Level AA)	Supports	All interface text in Brush Ninja and its related apps is implemented as real text. Occasional images containing text appear only as decorative or illustrative content (e.g., artwork, book covers, or banners), not as functional interface elements.
1.4.10 Reflow (Level AA 2.1 and 2.2)	Supports	Brush Ninja and its related apps reflow correctly on small screens and at 400% zoom. Text and interface elements adapt without horizontal scrolling. Only canvas-based drawing areas scroll when necessary for their function.
1.4.11 Non-text Contrast (Level AA 2.1 and 2.2)	Supports	All interactive and graphical interface elements meet or exceed the 3:1 contrast ratio requirement. Verified using axe DevTools with no errors detected.

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1.4.12 Text Spacing (Level AA 2.1 and 2.2)	Supports	Brush Ninja and its related apps use fluid layouts and scalable text. Increasing line, word, or letter spacing does not cause content clipping or overlap.
1.4.13 Content on Hover or Focus (Level AA 2.1 and 2.2)	Supports	Brush Ninja and its related apps rely on standard browser behaviour for hover and focus content. Tooltips are provided using native title or alt attributes, which follow consistent system-level interaction patterns.
2.4.5 Multiple Ways (Level AA)	Support	Brush Ninja provides multiple navigation methods, including header and footer menus, a search page, and a sitemap, allowing users to locate content through different means.
2.4.6 Headings and Labels (Level AA)	Supports	Headings and labels in Brush Ninja and its related apps are clear and descriptive. Menu items like “Save” and “Export” provide context through sub-options (e.g., “Save GIF,” “Save MP4”), ensuring users can easily understand each control’s purpose.
2.4.7 Focus Visible (Level AA)	Supports	All interactive elements in Brush Ninja and its related apps display a clear visual focus indicator when navigated via keyboard. Native browser focus styles are visible or replaced with equally clear custom indicators.
2.4.11 Focus Not Obscured (Minimum) (Level AA 2.2 only)	Supports	All interactive elements show a clear and highly visible focus indicator when navigated via keyboard. The focus indicator uses a bold outline (yellow) or other strong visual contrast, meeting or exceeding the minimum size and 3:1 contrast requirements in both light and dark modes.
2.5.7 Dragging Movements (Level AA 2.2 only)	Does Not Support	Some interactions, such as painting on the canvas and reordering animation frames, require dragging movements. These actions can be performed with a mouse, stylus, or touch input, but no alternative non-dragging method (such as keyboard controls or buttons) is currently available.
2.5.8 Target Size (Minimum) (Level AA 2.2 only)	Supports	All interactive controls meet or exceed the minimum 24×24 CSS pixel target size. Buttons and icons include

Criteria	Conformance Level	Remarks and Explanations
		sufficient padding and spacing to support touch and pointer use on all screen sizes.
3.1.2 Language of Parts (Level AA)	Supports	The application is entirely in English, and the primary language is correctly identified with <code>lang="en"</code> on the root HTML element. No parts of the interface use a different language.
3.2.3 Consistent Navigation (Level AA)	Supports	The main site header and navigation remain consistent across all pages. Each app within the site follows a predictable structure, with a toolbar at the top and functional content areas below. This provides consistent navigation and layout patterns throughout.
3.2.4 Consistent Identification (Level AA)	Supports	Controls and functions are labelled and presented consistently throughout the site and apps. Text-based buttons use uniform wording, and icons for common tools (such as brush, line, shape, and text) maintain consistent appearance and meaning across views.
3.3.3 Error Suggestion (Level AA)	Supports	Forms such as sign-up, login, and contact provide clear inline error messages when validation fails. Errors describe the issue and guide the user on how to correct it, meeting the requirement for helpful error suggestions.
3.3.4 Error Prevention (Legal, Financial, Data) (Level AA)	Not Applicable	The application does not handle legal commitments, financial transactions, or other critical data submissions directly. Any payments are processed by third-party services such as Stripe, which manage their own confirmation and error-prevention workflows.
3.3.8 Accessible Authentication (Minimum) (Level AA 2.2 only)	Supports	The authentication process uses a standard username and password form. Users can copy and paste credentials and use browser-based password managers. No cognitive tests, CAPTCHAs, or memory challenges are required to complete authentication.
4.1.3 Status Messages (Level AA 2.1 and 2.2)	Supports	Dynamic interface updates, such as export progress and completion messages, are exposed to assistive technologies using <code>aria-live="polite"</code> . When modal content changes, focus automatically moves to the start of the modal, ensuring screen readers announce the updated context.

Table 3: Success Criteria, Level AAA

Criteria	Conformance Level	Remarks and Explanations
1.2.6 Sign Language (Prerecorded) (Level AAA)	Does not support	Prerecorded video content is hosted on YouTube with accurate subtitles provided, but sign language interpretation is not currently available.
1.2.7 Extended Audio Description (Prerecorded) (Level AAA)	Partially Supports	Existing tutorial videos include some spoken description of on-screen actions but may omit certain visual details. Future videos will incorporate fuller narration or extended audio description where needed to ensure all key visuals are conveyed audibly.
1.2.8 Media Alternative (Prerecorded) (Level AAA)	Does not support	Prerecorded tutorial videos include accurate subtitles but do not currently have full text transcripts describing both dialogue and visual content.
1.2.9 Audio-only (Live) (Level AAA)	Not applicable	The application does not include any live audio-only content.
1.3.6 Identify Purpose (Level AAA 2.1 and 2.2)	Supports	Interactive elements use semantic HTML controls (buttons, links, and inputs). Structural and dynamic regions are identified using ARIA landmarks and roles such as dialog , status , and alert . These additions allow assistive technologies to determine the purpose of components and regions programmatically.
1.4.6 Contrast (Enhanced) (Level AAA)	Supports	All text and interactive elements meet or exceed the 7:1 contrast ratio required for enhanced contrast. Buttons and labels use consistent colour schemes in both light and dark modes, and no decorative or low-contrast text is used.
1.4.7 Low or No Background Audio (Level AAA)	Supports	The application does not include any background audio. All sounds are user-initiated, and no prerecorded speech or background music is present.
1.4.8 Visual Presentation (Level AAA)	Supports	Text is left-aligned, uses relative units for sizing and spacing, and maintains sufficient line and paragraph spacing. The site does not restrict user colour overrides via browser or OS accessibility settings. Content remains fully functional and readable at 200% zoom.
1.4.9 Images of Text (No Exception) (Level AAA)	Partially Supports	All interface and content text is rendered using HTML text. A small number of promotional images include

Criteria	Conformance Level	Remarks and Explanations
		embedded text for design purposes, such as merchandise banners, where the text is integral to the image.
2.1.3 Keyboard (No Exception) (Level AAA)	Partially Supports	Most interface controls and actions are fully operable using the keyboard. However, certain creative functions, such as drawing on the canvas and reordering animation frames, require pointer or touch interaction and have no current keyboard alternative.
2.2.3 No Timing (Level AAA)	Supports	The application does not impose any time limits. All tools and actions remain available until the user chooses to act, with no timed sessions, countdowns, or auto-expiring content.
2.2.4 Interruptions (Level AAA)	Supports	The application does not display automatic pop-ups or interruptions. All modals, notifications, and banners are user-initiated and can be dismissed or ignored without affecting functionality.
2.2.5 Re-authenticating (Level AAA)	Supports	User sessions have long lifetimes and rarely expire. In the event of re-authentication, user data and files remain available locally in the browser, allowing work to be saved or continued without data loss.
2.2.6 Timeouts (Level AAA 2.1 and 2.2)	Supports	The application does not include inactivity or session timeouts. Users can keep the browser window open indefinitely without losing data or being logged out.
2.3.2 Three Flashes (Level AAA)	Supports	The application itself does not include flashing or strobing content. Users can create custom animations, but the tool does not impose or trigger flashing effects automatically.
2.3.3 Animation from Interactions (Level AAA 2.1 and 2.2)	Partially Supports	Some minor animations occur during user interactions, such as button hover transitions and frame control slide-ins. These effects are brief (under 0.2 seconds) and do not cause distraction, but they cannot currently be disabled by the user.
2.4.8 Location (Level AAA)	Supports	The site provides clear indicators of location through breadcrumbs and navigation links. Page titles and parent-page links help users understand their position within the site structure, which remains shallow and consistent.

Criteria	Conformance Level	Remarks and Explanations
2.4.9 Link Purpose (Link Only) (Level AAA)	Partially Supports	Links across the site generally use clear, descriptive text that identifies their purpose. A few instances, such as “read more” links in blog posts, rely on surrounding context to clarify their destination.
2.4.10 Section Headings (Level AAA)	Supports	Headings are used consistently to title and separate content across pages and within app modals. Semantic HTML heading elements provide clear structure, aiding navigation and understanding for all users.
2.4.12 Focus Not Obscured (Enhanced) (Level AAA 2.2 only)	Supports	Focused elements remain visible when navigating with the keyboard. Sticky interface elements use position: sticky and do not obscure focus targets. Scrollable panels automatically maintain visible focus as users tab through interactive items.
2.4.13 Focus Appearance (Level AAA 2.2 only)	Supports	Focus indicators are highly visible and clearly distinguish focused components from their surroundings. They exceed the minimum area and contrast requirements, using strong outlines and colour contrast to ensure clear visibility in all themes.
2.5.5 Target Size (Level AAA 2.1 and 2.2)	Partially Supports	Most interactive controls meet or exceed the 44×44 CSS pixel target size. A small number of minor controls remain below this size to maintain layout efficiency, but all are accessible via keyboard input.
2.5.6 Concurrent Input Mechanisms (Level AAA 2.1 and 2.2)	Supports	The application supports keyboard, mouse, touch, and stylus input interchangeably. Users can switch between input methods without loss of functionality or data. Voice input has not been explicitly tested but is expected to operate equivalently.
3.1.3 Unusual Words (Level AAA)	Partially Supports	The site uses clear, plain language and avoids jargon wherever possible. A dedicated animation glossary explains key terms used in the application. Some technical phrases may appear without inline tooltips or definitions.
3.1.4 Abbreviations (Level AAA)	Supports	The application uses very few abbreviations. Common terms such as “GIF” are widely recognised and do not require expansion. No uncommon or undefined abbreviations are present.

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3.1.5 Reading Level (Level AAA)	Supports	All content is written in clear, plain English with short sentences and minimal technical language. The reading level is suitable for a general audience without requiring advanced literacy skills.
3.1.6 Pronunciation (Level AAA)	Supports	The application and website do not rely on pronunciation to convey meaning. No words or terms require clarification or phonetic explanation for comprehension.
3.2.5 Change on Request (Level AAA)	Supports	All context changes, such as navigation or content updates, occur only after explicit user actions. The application does not trigger automatic changes without user input.
3.3.5 Help (Level AAA)	Supports	A dedicated Help section and contact form are provided. Help links are available within each app, and contact options are accessible from the footer and main navigation. Assistance resources are easy to locate and consistently placed across the site.
3.3.6 Error Prevention (All) (Level AAA)	Supports	User actions such as saving and exporting are non-destructive. Files are saved locally, and duplicate filenames are handled automatically by the browser. There is no risk of data loss or irreversible change, and users can safely repeat or undo actions.
3.3.9 Accessible Authentication (Enhanced) (Level AAA 2.2 only)	Partially Supports	The authentication process uses a standard username and password form. Users can copy and paste credentials and use password managers to autofill fields, reducing memory demands. However, no fully passwordless or biometric authentication options are currently available.

Legal Disclaimer (Company)

This VPAT is based on internal testing and reflects Brush Ninja's accessibility status at the time of publication. While every effort has been made to ensure accuracy, it may not cover all browsers, devices, or assistive technologies. Accessibility is an ongoing process, and improvements are made regularly.

If you encounter any accessibility issues or find areas that could be improved, please [contact us](#)