# Colour Contrast Analyser (CCA)

## **Accessibility Conformance Report WCAG Edition**

(Based on VPAT<sup>®</sup> Version 2.5)

Name of Product/Version: Colour Contrast Analyser

Report Date: May 01, 2024

Product Description: Software

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#### Notes:

The WCAG Report section relies on the Remarks and Explanations column to clarify conformance levels for the Colour Contrast Analyser. The Colour Contrast Analyser has a broad set of capabilities which may or may not be used by all clients. We therefore divide and represent conformance for each of the following capabilities:

- 1. Color Contrast Analyzer
  - 1.1. About CCA
  - 1.2. CCA toolbar
  - 1.3. Colour Blindness simulation
  - 1.4. Foreground/Background color
  - 1.5. Preferences

<sup>&</sup>quot;Voluntary Product Accessibility Template" and "VPAT" are registered service marks of the Information Technology Industry Council (ITI)

- 1.6. Sample Preview
- 1.7. WCAG 2.1 Results
- 2. Common Issues
  - 2.1. Global issues

Each of these capabilities is represented as a product "user flow". Each user flow is supported by a set of UX components supporting user interaction with the product. When reporting conformance, we provide a total count of components for each user flow. This provides a more granular view of Colour Contrast Analyser conformance based upon the underlying capabilities.

**Evaluation Methods Used:** A combination of automated testing and manual expert testing of the templates, components and key user flows of the Colour Contrast Analyser was conducted to assess technical compliance of the Colour Contrast Analyser with the success criteria of WCAG 2.2. In addition, usability testing was performed on key templates and components using multiple screen readers and keyboard combinations. The accessibility of the product is monitored through recurring automation testing and accessibility QA testing is integrated into the SDLC.

## **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 2.2	Level A (Yes / No )
	Level AA (Yes / No )
	Level AAA (Yes / No )

### 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 2.2 Report

Note: When reporting on conformance with the WCAG 2.2 Success Criteria, they are scoped for full pages, complete processes, and accessibility-supported ways of using technology as documented in the <u>WCAG 2.0 Conformance Requirements</u>.

### Table 1: Success Criteria, Level A

Notes:

Criteria	Conformance Level	Remarks and Explanations
<u>1.1.1 Non-text Content</u> (Level A)	<ol> <li>Color Contrast Analyzer : Supports</li> <li>Common Issues: Supports</li> </ol>	Component Analysis         • 8 components comply         • 0 components do not comply         Issue Summary         None
<u>1.2.1 Audio-only and Video-only (Prerecorded)</u> (Level A)	<ol> <li>Color Contrast Analyzer : Supports</li> <li>Common Issues: Supports</li> </ol>	Component Analysis         • 8 components comply         • 0 components do not comply         Issue Summary         None
<u>1.2.2 Captions (Prerecorded)</u> (Level A)	<ol> <li>Color Contrast Analyzer : Supports</li> <li>Common Issues: Supports</li> </ol>	Component Analysis <ul> <li>8 components comply</li> <li>0 components do not comply</li> </ul> <li>Issue Summary</li> <li>None</li>
<u>1.2.3 Audio Description or Media Alternative</u> (Prerecorded) (Level A)	<ol> <li>Color Contrast Analyzer : Supports</li> <li>Common Issues: Supports</li> </ol>	<ul> <li><u>Component Analysis</u></li> <li>8 components comply</li> <li>0 components do not comply</li> </ul>

		Issue Summary None
1.3.1 Info and Relationships (Level A)	<ol> <li>Color Contrast Analyzer : Partially Supports</li> <li>Common Issues: Supports</li> </ol>	<ul> <li><u>Component Analysis</u> <ul> <li>6 components comply</li> <li>2 components do not comply</li> </ul> </li> <li><u>Issue Summary</u></li> <li>Correct use of headings and landmarks: 1 failure</li> <li>Elements intended as headings must be marked up using heading markup with a correct level. Landmark</li> <li>elements/roles/names must be appropriate. Other</li> <li>elements must not use heading or landmark roles.</li> </ul> User interface component relationships: 1 failure Relationships affecting the name, role, states, properties and values of user interface components must be conveyed correctly to assistive technology.
<u>1.3.2 Meaningful Sequence</u> (Level A)	<ol> <li>Color Contrast Analyzer : Supports</li> <li>Common Issues: Supports</li> </ol>	Component Analysis <ul> <li>8 components comply</li> <li>0 components do not comply</li> </ul> <li>Issue Summary</li> <li>None</li>
1.3.3 Sensory Characteristics (Level A)	<ol> <li>Color Contrast Analyzer : Supports</li> <li>Common Issues: Supports</li> </ol>	<ul> <li><u>Component Analysis</u></li> <li>8 components comply</li> <li>0 components do not comply</li> </ul>

<u>1.4.1 Use of Color</u> (Level A)	1. Color Contrast Analyzer : Supports	Issue Summary None Component Analysis
	2. Common Issues: <b>Supports</b>	<ul> <li>8 components comply</li> <li>0 components do not comply</li> </ul> <u>Issue Summary</u> None
<u>1.4.2 Audio Control</u> (Level A)	<ol> <li>Color Contrast Analyzer : Supports</li> <li>Common Issues: Supports</li> </ol>	Component Analysis         • 8 components comply         • 0 components do not comply         Issue Summary         None
2.1.1 Keyboard (Level A)	<ol> <li>Color Contrast Analyzer : Supports</li> <li>Common Issues: Supports</li> </ol>	Component Analysis         • 8 components comply         • 0 components do not comply         Issue Summary         None
2.1.2 No Keyboard Trap (Level A)	<ol> <li>Color Contrast Analyzer : Supports</li> <li>Common Issues: Supports</li> </ol>	<ul> <li><u>Component Analysis</u></li> <li>8 components comply</li> <li>0 components do not comply</li> </ul>

2.1.4 Character Key Shortcuts (Level A)	<ol> <li>Color Contrast Analyzer : Supports</li> <li>Common Issues: Supports</li> </ol>	Issue Summary         None         Component Analysis         • 8 components comply         • 0 components do not comply         Issue Summary
2.2.1 Timing Adjustable (Level A)	<ol> <li>Color Contrast Analyzer : Supports</li> <li>Common Issues: Supports</li> </ol>	None Component Analysis      8 components comply     0 components do not comply  Issue Summary None
2.2.2 Pause, Stop, Hide (Level A)	<ol> <li>Color Contrast Analyzer : Supports</li> <li>Common Issues: Supports</li> </ol>	Component Analysis         • 8 components comply         • 0 components do not comply         Issue Summary         None
2.3.1 Three Flashes or Below Threshold (Level A)	<ol> <li>Color Contrast Analyzer : Supports</li> <li>Common Issues: Supports</li> </ol>	<ul> <li><u>Component Analysis</u></li> <li>8 components comply</li> <li>0 components do not comply</li> </ul>

2.4.1 Bypass Blocks (Level A)	<ol> <li>Color Contrast Analyzer : Supports</li> <li>Common Issues: Supports</li> </ol>	Issue Summary         None         Component Analysis         • 8 components comply         • 0 components do not comply         Issue Summary         None
2.4.2 Page Titled (Level A)	<ol> <li>Color Contrast Analyzer : Supports</li> <li>Common Issues: Supports</li> </ol>	<ul> <li><u>Component Analysis</u> <ul> <li>8 components comply</li> <li>0 components do not comply</li> </ul> </li> <li><u>Issue Summary</u> <ul> <li>None</li> </ul> </li> </ul>
2.4.3 Focus Order (Level A)	<ol> <li>Color Contrast Analyzer : Supports</li> <li>Common Issues: Supports</li> </ol>	<ul> <li><u>Component Analysis</u></li> <li>8 components comply</li> <li>0 components do not comply</li> </ul> <u>Issue Summary</u> None
2.4.4 Link Purpose (In Context) (Level A)	<ol> <li>Color Contrast Analyzer : Supports</li> <li>Common Issues: Supports</li> </ol>	<ul> <li><u>Component Analysis</u></li> <li>8 components comply</li> <li>0 components do not comply</li> </ul>

2.4.7 Focus Visible (Level A)	<ol> <li>Color Contrast Analyzer : Supports</li> <li>Common Issues: Supports</li> </ol>	Issue Summary         None         Component Analysis         • 8 components comply         • 0 components do not comply         Issue Summary         None
2.5.1 Pointer Gestures (Level A)	<ol> <li>Color Contrast Analyzer : Supports</li> <li>Common Issues: Supports</li> </ol>	Component Analysis         • 8 components comply         • 0 components do not comply         Issue Summary         None
2.5.2 Pointer Cancellation (Level A)	<ol> <li>Color Contrast Analyzer : Supports</li> <li>Common Issues: Supports</li> </ol>	Component Analysis         • 8 components comply         • 0 components do not comply         Issue Summary         None
2.5.3 Label in Name (Level A)	<ol> <li>Color Contrast Analyzer : Supports</li> <li>Common Issues: Supports</li> </ol>	<ul> <li><u>Component Analysis</u></li> <li>8 components comply</li> <li>0 components do not comply</li> </ul>

		<u>Issue Summary</u> None
2.5.4 Motion Actuation (Level A)	<ol> <li>Color Contrast Analyzer : Supports</li> <li>Common Issues: Supports</li> </ol>	Component Analysis         • 8 components comply         • 0 components do not comply         Issue Summary         None
3.1.1 Language of Page (Level A)	<ol> <li>Color Contrast Analyzer : Supports</li> <li>Common Issues: Supports</li> </ol>	Component Analysis         • 8 components comply         • 0 components do not comply         Issue Summary         None
3.2.1 On Focus (Level A)	<ol> <li>Color Contrast Analyzer : Supports</li> <li>Common Issues: Supports</li> </ol>	Component Analysis         • 8 components comply         • 0 components do not comply         Issue Summary         None
3.2.2 On Input (Level A)	<ol> <li>Color Contrast Analyzer : Supports</li> <li>Common Issues: Supports</li> </ol>	<ul> <li><u>Component Analysis</u></li> <li>8 components comply</li> <li>0 components do not comply</li> </ul>

3.3.1 Error Identification (Level A)	<ol> <li>Color Contrast Analyzer : Supports</li> <li>Common Issues: Supports</li> </ol>	Issue Summary         None         Component Analysis         • 8 components comply         • 0 components do not comply         Issue Summary         None
3.3.2 Labels or Instructions (Level A)	<ol> <li>Color Contrast Analyzer : Partially Supports</li> <li>Common Issues: Supports</li> </ol>	<ul> <li><u>Component Analysis</u> <ul> <li>7 components comply</li> <li>1 component does not comply</li> </ul> </li> <li><u>Issue Summary</u> <ul> <li>Labels or instructions: 1 failure</li> <li>Form controls must have visible labels or instructions.</li> <li>Required fields must visibly convey that they are required.</li> </ul> </li> </ul>
4.1.1 Parsing (Level A)	<ol> <li>Color Contrast Analyzer : Supports</li> <li>Common Issues: Supports</li> </ol>	Component Analysis         • 8 components comply         • 0 components do not comply         Issue Summary         None
4.1.2 Name, Role, Value (Level A)	1. Color Contrast Analyzer : Partially Supports	Component Analysis     7 components comply

	2. Common Issues: Supports	1 component does not comply
		Issue Summary User interface component relationships: 1 failure
		Relationships affecting the name, role, states, properties
		and values of user interface components must be conveyed correctly to assistive technology.
3.2.6 Consistent Help (Level A)	1. Color Contrast Analyzer : Supports	Component Analysis
	2. Common Issues: Supports	<ul><li>8 components comply</li><li>0 components do not comply</li></ul>
		Issue Summary
		None
3.3.7 Redundant Entry (Level A)	1. Color Contrast Analyzer : Supports	Component Analysis
	2. Common Issues: Supports	<ul><li> 8 components comply</li><li> 0 components do not comply</li></ul>
		Issue Summary
		None

#### Table 2: Success Criteria, Level AA

Notes:

Criteria	Conformance Level	Remarks and Explanations
1.2.4 Captions (Live) (Level AA)	1. Color Contrast Analyzer : Supports	Component Analysis
	2. Common Issues: Supports	8 components comply

		O components do not comply
		Issue Summary
		None
1.2.5 Audio Description (Prerecorded) (Level AA)	1. Color Contrast Analyzer : Supports	Component Analysis
	2. Common Issues: Supports	<ul><li>8 components comply</li><li>0 components do not comply</li></ul>
		Issue Summary
		None
1.3.4 Orientation (Level AA)	1. Color Contrast Analyzer : Supports	Component Analysis
	2. Common Issues: <b>Does Not Support</b>	<ul><li>7 components comply</li><li>1 component does not comply</li></ul>
		Issue Summary
		Orientation: 1 failure
		The content view must not be limited/locked to a single
		display orientation and content or functionality must be the same in different orientations.
1.3.5 Identify Input Purpose (Level AA)	1. Color Contrast Analyzer : Supports	Component Analysis
	2. Common Issues: Supports	<ul><li>8 components comply</li><li>0 components do not comply</li></ul>
		Issue Summary
		None

1.4.3 Contrast (Minimum) (Level AA)	1. Color Contrast Analyzer : Supports	Component Analysis
	2. Common Issues: Supports	<ul> <li>8 components comply</li> <li>0 components do not comply</li> </ul>
		None
<u>1.4.4 Resize text</u> (Level AA)	1. Color Contrast Analyzer : Supports	Component Analysis
	2. Common Issues: Supports	<ul><li>8 components comply</li><li>0 components do not comply</li></ul>
		<u>Issue Summary</u> None
<u>1.4.5 Images of Text</u> (Level AA)	<ol> <li>Color Contrast Analyzer : Supports</li> <li>Common Issues: Supports</li> </ol>	<ul> <li><u>Component Analysis</u></li> <li>8 components comply</li> <li>0 components do not comply</li> </ul>
		Issue Summary None
<u>1.4.10 Reflow</u> (Level AA)	<ol> <li>Color Contrast Analyzer : Supports</li> <li>Common Issues: Supports</li> </ol>	<ul> <li><u>Component Analysis</u></li> <li>8 components comply</li> <li>0 components do not comply</li> <li>Issue Summary</li> </ul>
		None

1.4.11 Non-text Contrast (Level AA)	1. Color Contrast Analyzer : Supports	Component Analysis
	2. Common Issues: <b>Supports</b>	<ul> <li>8 components comply</li> <li>0 components do not comply</li> </ul> <u>Issue Summary</u> None
1.4.12 Text Spacing (Level AA)	<ol> <li>Color Contrast Analyzer : Supports</li> <li>Common Issues: Supports</li> </ol>	<ul> <li><u>Component Analysis</u></li> <li>8 components comply</li> <li>0 components do not comply</li> </ul>
		Issue Summary None
<u>1.4.13 Content on Hover or Focus</u> (Level AA)	<ol> <li>Color Contrast Analyzer : Supports</li> <li>Common Issues: Supports</li> </ol>	<ul> <li><u>Component Analysis</u></li> <li>8 components comply</li> <li>0 components do not comply</li> </ul>
		Issue Summary None
2.4.5 Multiple Ways (Level AA)	<ol> <li>Color Contrast Analyzer : Supports</li> <li>Common Issues: Supports</li> </ol>	<ul> <li><u>Component Analysis</u></li> <li>8 components comply</li> <li>0 components do not comply</li> </ul>
		None

2.4.6 Headings and Labels (Level AA)	1. Color Contrast Analyzer : Supports	Component Analysis
	2. Common Issues: <b>Supports</b>	<ul> <li>8 components comply</li> <li>0 components do not comply</li> </ul>
		None
<u>3.1.2 Language of Parts</u> (Level AA)	<ol> <li>Color Contrast Analyzer : Partially Supports</li> <li>Common Issues: Supports</li> </ol>	<ul> <li><u>Component Analysis</u></li> <li>7 components comply</li> <li>1 component does not comply</li> </ul>
		Issue Summary Language of parts: 1 failure Web pages must specifically declare their primary language, changes in language must be explicitly defined.
3.2.3 Consistent Navigation (Level AA)	<ol> <li>Color Contrast Analyzer : Supports</li> <li>Common Issues: Supports</li> </ol>	Component Analysis         • 8 components comply         • 0 components do not comply         Issue Summary         None
3.2.4 Consistent Identification (Level AA)	<ol> <li>Color Contrast Analyzer : Supports</li> <li>Common Issues: Supports</li> </ol>	<ul> <li><u>Component Analysis</u></li> <li>8 components comply</li> <li>0 components do not comply</li> </ul>

		None
3.3.3 Error Suggestion (Level AA)	<ol> <li>Color Contrast Analyzer : Supports</li> <li>Common Issues: Supports</li> </ol>	Component Analysis         • 8 components comply         • 0 components do not comply         Issue Summary         None
3.3.4 Error Prevention (Legal, Financial, Data) (Level AA)	<ol> <li>Color Contrast Analyzer : Supports</li> <li>Common Issues: Supports</li> </ol>	Component Analysis         • 8 components comply         • 0 components do not comply         Issue Summary         None
4.1.3 Status Messages (Level AA)	<ol> <li>Color Contrast Analyzer : Partially Supports</li> <li>Common Issues: Supports</li> </ol>	<ul> <li>Component Analysis         <ul> <li>7 components comply</li> <li>1 component does not comply</li> </ul> </li> <li>Issue Summary         <ul> <li>Status messages: 2 failures</li> <li>Status messages must be programmatically determinable without receiving keyboard focus.</li> </ul> </li> </ul>
2.4.11 Focus Not Obscured (Minimum) (Level AA)	<ol> <li>Color Contrast Analyzer : Supports</li> <li>Common Issues: Supports</li> </ol>	<ul> <li><u>Component Analysis</u></li> <li>8 components comply</li> <li>0 components do not comply</li> </ul>

		<u>Issue Summary</u> None
2.5.7 Dragging Movements (Level AA)	<ol> <li>Color Contrast Analyzer : Supports</li> <li>Common Issues: Supports</li> </ol>	Component Analysis         • 8 components comply         • 0 components do not comply         Issue Summary         None
2.5.8 Target Size (Minimum) (Level AA)	<ol> <li>Color Contrast Analyzer : Supports</li> <li>Common Issues: Supports</li> </ol>	Component Analysis         • 8 components comply         • 0 components do not comply         Issue Summary         None
3.3.8 Accessible Authentication (Minimum) (Level AA)	<ol> <li>Color Contrast Analyzer : Supports</li> <li>Common Issues: Supports</li> </ol>	Component Analysis         • 8 components comply         • 0 components do not comply         Issue Summary         None

#### Table 3: Success Criteria, Level AAA

Notes: Not evaluated.

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