

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.

Hex(8AE2C9) **Hex(FFFFFF)** **Hex(C3FFFF)** **Hex(E0FFFF)** **Hex(FDFFFF)**

Hex(8AE2C9)		Ratio: 1.52 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.44 Failed ⁵
Hex(FFFFFF)	Ratio: 1.52 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 1.05 Failed ⁵
Hex(C3FFFF)	Ratio: 1.38 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 1.04 Failed ⁵
Hex(E0FFFF)	Ratio: 1.44 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.05 Failed ⁵
Hex(FDFFFF)	Ratio: 1.52 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.05 Failed ⁵

Details can be found at <https://www.w3.org/TR/WCAG20/>.

¹ AA

AA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for any text size.

² AA 18pt

AA level for large text above 18pt.

³ AAA

AAA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for any text size.

⁴ AAA 18pt

AAA level for large text above 18pt.

⁵ Failed

Fails to comply with the Web Content Accessibility Guidelines (WCAG) 2.0.

⁶ Passed

Passes the AAA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for all text sizes.

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