

Converting Colors - WCAG Matrix

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

	Hex(34A9C2)	Hex(FFFFFF)	Hex(76E0FA)	Hex(94FDFF)	Hex(B2FFFF)	Hex(D0FFFF)	Hex(EFFFFFF)
Hex(34A9C2)		Ratio: 2.76 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 2.34 Failed ⁵	Ratio: 2.45 Failed ⁵	Ratio: 2.56 Failed ⁵	Ratio: 2.69 Failed ⁵
Hex(FFFFFF)	Ratio: 2.76 Failed ⁵		Ratio: 1.52 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.03 Failed ⁵
Hex(76E0FA)	Ratio: 1.82 Failed ⁵	Ratio: 1.52 Failed ⁵		Ratio: 1.29 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.48 Failed ⁵
Hex(94FDFF)	Ratio: 2.34 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.29 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.15 Failed ⁵
Hex(B2FFFF)	Ratio: 2.45 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 1.10 Failed ⁵
Hex(D0FFFF)	Ratio: 2.56 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 1.05 Failed ⁵
Hex(EFFFFFF)	Ratio: 2.69 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.15 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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