

Converting Colors - WCAG Matrix

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

	Hex(40AFF2)	Hex(FFFFFF)	Hex(85E6FF)	Hex(A4FFFF)	Hex(C3FFFF)	Hex(E2FFFF)
Hex(40AFF2)		Ratio: 2.43 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 2.12 Failed ⁵	Ratio: 2.21 Failed ⁵	Ratio: 2.31 Failed ⁵
Hex(FFFFFF)	Ratio: 2.43 Failed ⁵		Ratio: 1.42 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.05 Failed ⁵
Hex(85E6FF)	Ratio: 1.71 Failed ⁵	Ratio: 1.42 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.35 Failed ⁵
Hex(A4FFFF)	Ratio: 2.12 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 1.09 Failed ⁵
Hex(C3FFFF)	Ratio: 2.21 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 1.05 Failed ⁵
Hex(E2FFFF)	Ratio: 2.31 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.09 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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