

Converting Colors - WCAG Matrix

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

	Hex(4494E3)	Hex(66AEFF)	Hex(85C9FF)	Hex(A3E5FF)	Hex(C1FFFF)	Hex(E0FFFF)	Hex(FEFFFF)	Hex(FFFFFF)
Hex(4494E3)		Ratio: 1.38 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 2.31 Failed ⁵	Ratio: 2.89 Failed ⁵	Ratio: 3.02 AA 18pt ²	Ratio: 3.18 AA 18pt ²	Ratio: 3.19 AA 18pt ²
Hex(66AEFF)	Ratio: 1.38 Failed ⁵		Ratio: 1.30 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 2.20 Failed ⁵	Ratio: 2.31 Failed ⁵	Ratio: 2.32 Failed ⁵
Hex(85C9FF)	Ratio: 1.79 Failed ⁵	Ratio: 1.30 Failed ⁵		Ratio: 1.29 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.78 Failed ⁵
Hex(A3E5FF)	Ratio: 2.31 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.29 Failed ⁵		Ratio: 1.25 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.38 Failed ⁵
Hex(C1FFFF)	Ratio: 2.89 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.25 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.10 Failed ⁵
Hex(E0FFFF)	Ratio: 3.02 AA 18pt ²	Ratio: 2.20 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 1.05 Failed ⁵
Hex(FEFFFF)	Ratio: 3.18 AA 18pt ²	Ratio: 2.31 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 1.00 Failed ⁵
Hex(FFFFFF)	Ratio: 3.19 AA 18pt ²	Ratio: 2.32 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.00 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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