

Converting Colors - WCAG Matrix

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

	Hex(4F75ED)	Hex(FFFFFF)	Hex(8FA9FF)	Hex(AEC4FF)	Hex(CCE0FF)	Hex(EBFCFF)
Hex(4F75ED)		Ratio: 4.12 AA 18pt ²	Ratio: 1.82 Failed ⁵	Ratio: 2.38 Failed ⁵	Ratio: 3.07 AA 18pt ²	Ratio: 3.90 AA 18pt ²
Hex(FFFFFF)	Ratio: 4.12 AA 18pt ²		Ratio: 2.26 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.06 Failed ⁵
Hex(8FA9FF)	Ratio: 1.82 Failed ⁵	Ratio: 2.26 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 2.14 Failed ⁵
Hex(AEC4FF)	Ratio: 2.38 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 1.29 Failed ⁵	Ratio: 1.64 Failed ⁵
Hex(CCE0FF)	Ratio: 3.07 AA 18pt ²	Ratio: 1.34 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.29 Failed ⁵		Ratio: 1.27 Failed ⁵
Hex(EBFCFF)	Ratio: 3.90 AA 18pt ²	Ratio: 1.06 Failed ⁵	Ratio: 2.14 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.27 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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