

Converting Colors - WCAG Matrix

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

	Hex(3E61E1)	Hex(FFFFFF)	Hex(8293FF)	Hex(A1AEFF)	Hex(BFC9FF)	Hex(DEE5FF)	Hex(FDFFFF)
Hex(3E61E1)		Ratio: 5.25 AA ¹ AAA 18pt ⁴	Ratio: 1.89 Failed ⁵	Ratio: 2.50 Failed ⁵	Ratio: 3.25 AA 18pt ²	Ratio: 4.19 AA 18pt ²	Ratio: 5.23 AA ¹ AAA 18pt ⁴
Hex(FFFFFF)	Ratio: 5.25 AA ¹ AAA 18pt ⁴		Ratio: 2.78 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.00 Failed ⁵
Hex(8293FF)	Ratio: 1.89 Failed ⁵	Ratio: 2.78 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 2.21 Failed ⁵	Ratio: 2.77 Failed ⁵
Hex(A1AEFF)	Ratio: 2.50 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 1.30 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 2.09 Failed ⁵
Hex(BFC9FF)	Ratio: 3.25 AA 18pt ²	Ratio: 1.61 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.30 Failed ⁵		Ratio: 1.29 Failed ⁵	Ratio: 1.61 Failed ⁵
Hex(DEE5FF)	Ratio: 4.19 AA 18pt ²	Ratio: 1.25 Failed ⁵	Ratio: 2.21 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.29 Failed ⁵		Ratio: 1.25 Failed ⁵
Hex(FDFFFF)	Ratio: 5.23 AA ¹ AAA 18pt ⁴	Ratio: 1.00 Failed ⁵	Ratio: 2.77 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.25 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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