

Converting Colors - WCAG Matrix

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

	Hex(6668FF)	Hex(8681FF)	Hex(A59BFF)	Hex(C4B6FF)	Hex(E3D2FF)	Hex(FFEFFF)	Hex(FFFFFF)
Hex(6668FF)		Ratio: 1.32 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 2.30 Failed ⁵	Ratio: 2.99 Failed ⁵	Ratio: 3.79 AA 18pt ²	Ratio: 4.21 AA 18pt ²
Hex(8681FF)	Ratio: 1.32 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 2.26 Failed ⁵	Ratio: 2.87 Failed ⁵	Ratio: 3.18 AA 18pt ²
Hex(A59BFF)	Ratio: 1.75 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 2.17 Failed ⁵	Ratio: 2.40 Failed ⁵
Hex(C4B6FF)	Ratio: 2.30 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 1.30 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.83 Failed ⁵
Hex(E3D2FF)	Ratio: 2.99 Failed ⁵	Ratio: 2.26 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.30 Failed ⁵		Ratio: 1.27 Failed ⁵	Ratio: 1.41 Failed ⁵
Hex(FFEFFF)	Ratio: 3.79 AA 18pt ²	Ratio: 2.87 Failed ⁵	Ratio: 2.17 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.27 Failed ⁵		Ratio: 1.11 Failed ⁵
Hex(FFFFFF)	Ratio: 4.21 AA 18pt ²	Ratio: 3.18 AA 18pt ²	Ratio: 2.40 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.11 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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