

Converting Colors - WCAG Matrix

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

	Hex(9060FF)	Hex(A27AFF)	Hex(B493FF)	Hex(C5ADFF)	Hex(D7C6FF)	Hex(E9E0FF)	Hex(FBF9FF)	Hex(FFFFFF)
Hex(9060FF)		Ratio: 1.28 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 2.53 Failed ⁵	Ratio: 3.12 AA 18pt ²	Ratio: 3.79 AA 18pt ²	Ratio: 3.96 AA 18pt ²
Hex(A27AFF)	Ratio: 1.28 Failed ⁵		Ratio: 1.27 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 2.45 Failed ⁵	Ratio: 2.97 Failed ⁵	Ratio: 3.10 AA 18pt ²
Hex(B493FF)	Ratio: 1.61 Failed ⁵	Ratio: 1.27 Failed ⁵		Ratio: 1.26 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 2.35 Failed ⁵	Ratio: 2.45 Failed ⁵
Hex(C5ADFF)	Ratio: 2.04 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.26 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 1.95 Failed ⁵
Hex(D7C6FF)	Ratio: 2.53 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.57 Failed ⁵
Hex(E9E0FF)	Ratio: 3.12 AA 18pt ²	Ratio: 2.45 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.27 Failed ⁵
Hex(FBF9FF)	Ratio: 3.79 AA 18pt ²	Ratio: 2.97 Failed ⁵	Ratio: 2.35 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.04 Failed ⁵
Hex(FFFFFF)	Ratio: 3.96 AA 18pt ²	Ratio: 3.10 AA 18pt ²	Ratio: 2.45 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.04 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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