

Converting Colors - WCAG Matrix

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

	Hex(9B26FF)	Hex(A740FF)	Hex(B359FF)	Hex(BE73FF)	Hex(CA8CFF)	Hex(D6A6FF)	Hex(E2BFFF)	Hex(EDD9FF)	Hex(F9F2FF)	Hex(FFFFFF)
Hex(9B26FF)		Ratio: 1.17 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 2.12 Failed ⁵	Ratio: 2.61 Failed ⁵	Ratio: 3.19 AA 18pt ²	Ratio: 3.88 AA 18pt ²	Ratio: 4.66 AA ¹ AAA 18pt ⁴	Ratio: 5.10 AA ¹ AAA 18pt ⁴
Hex(A740FF)	Ratio: 1.17 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 2.23 Failed ⁵	Ratio: 2.72 Failed ⁵	Ratio: 3.31 AA 18pt ²	Ratio: 3.98 AA 18pt ²	Ratio: 4.36 AA 18pt ²
Hex(B359FF)	Ratio: 1.41 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 2.27 Failed ⁵	Ratio: 2.76 Failed ⁵	Ratio: 3.31 AA 18pt ²	Ratio: 3.63 AA 18pt ²
Hex(BE73FF)	Ratio: 1.72 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 2.25 Failed ⁵	Ratio: 2.71 Failed ⁵	Ratio: 2.96 Failed ⁵
Hex(CA8CFF)	Ratio: 2.12 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 2.20 Failed ⁵	Ratio: 2.41 Failed ⁵
Hex(D6A6FF)	Ratio: 2.61 Failed ⁵	Ratio: 2.23 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.95 Failed ⁵
Hex(E2BFFF)	Ratio: 3.19 AA 18pt ²	Ratio: 2.72 Failed ⁵	Ratio: 2.27 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.60 Failed ⁵
Hex(EDD9FF)	Ratio: 3.88 AA 18pt ²	Ratio: 3.31 AA 18pt ²	Ratio: 2.76 Failed ⁵	Ratio: 2.25 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 1.31 Failed ⁵
Hex(F9F2FF)	Ratio: 4.66 AA ¹ AAA 18pt ⁴	Ratio: 3.98 AA 18pt ²	Ratio: 3.31 AA 18pt ²	Ratio: 2.71 Failed ⁵	Ratio: 2.20 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 1.10 Failed ⁵
Hex(FFFFFF)	Ratio: 5.10 AA ¹ AAA 18pt ⁴	Ratio: 4.36 AA 18pt ²	Ratio: 3.63 AA 18pt ²	Ratio: 2.96 Failed ⁵	Ratio: 2.41 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.10 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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