

Converting Colors - WCAG Matrix

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

	Hex(E8D2F9)	Hex(DDB9F9)	Hex(D2A0F9)	Hex(C787F9)	Hex(BD6EF9)	Hex(B255F9)	Hex(A73DF9)	Hex(9C24F9)	Hex(910BF9)	Hex(8C00F9)
Hex(E8D2F9)		Ratio: 1.21 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 2.22 Failed ⁵	Ratio: 2.70 Failed ⁵	Ratio: 3.21 AA 18pt ²	Ratio: 3.72 AA 18pt ²	Ratio: 4.15 AA 18pt ²	Ratio: 4.31 AA 18pt ²
Hex(DDB9F9)	Ratio: 1.21 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 2.23 Failed ⁵	Ratio: 2.65 Failed ⁵	Ratio: 3.07 AA 18pt ²	Ratio: 3.42 AA 18pt ²	Ratio: 3.55 AA 18pt ²
Hex(D2A0F9)	Ratio: 1.48 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 2.17 Failed ⁵	Ratio: 2.51 Failed ⁵	Ratio: 2.80 Failed ⁵	Ratio: 2.91 Failed ⁵
Hex(C787F9)	Ratio: 1.82 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 2.28 Failed ⁵	Ratio: 2.37 Failed ⁵
Hex(BD6EF9)	Ratio: 2.22 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 1.94 Failed ⁵
Hex(B255F9)	Ratio: 2.70 Failed ⁵	Ratio: 2.23 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.60 Failed ⁵
Hex(A73DF9)	Ratio: 3.21 AA 18pt ²	Ratio: 2.65 Failed ⁵	Ratio: 2.17 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.34 Failed ⁵
Hex(9C24F9)	Ratio: 3.72 AA 18pt ²	Ratio: 3.07 AA 18pt ²	Ratio: 2.51 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.16 Failed ⁵
Hex(910BF9)	Ratio: 4.15 AA 18pt ²	Ratio: 3.42 AA 18pt ²	Ratio: 2.80 Failed ⁵	Ratio: 2.28 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.04 Failed ⁵
Hex(8C00F9)	Ratio: 4.31 AA 18pt ²	Ratio: 3.55 AA 18pt ²	Ratio: 2.91 Failed ⁵	Ratio: 2.37 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.16 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.

This PDF was generated on convertingcolors.com.