

Converting Colors - WCAG Matrix

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

	Hex(EDDDFF)	Hex(E0C4FF)	Hex(D2AAFF)	Hex(C591FF)	Hex(B777FF)	Hex(AA5EFF)	Hex(9C44FF)	Hex(8F2BFF)	Hex(8111FF)	Hex(7800FF)
Hex(EDDDFF)		Ratio: 1.21 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 2.31 Failed ⁵	Ratio: 2.85 Failed ⁵	Ratio: 3.50 AA 18pt ²	Ratio: 4.14 AA 18pt ²	Ratio: 4.74 AA ¹ AAA 18pt ⁴	Ratio: 5.05 AA ¹ AAA 18pt ⁴
Hex(E0C4FF)	Ratio: 1.21 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 2.35 Failed ⁵	Ratio: 2.88 Failed ⁵	Ratio: 3.41 AA 18pt ²	Ratio: 3.91 AA 18pt ²	Ratio: 4.17 AA 18pt ²
Hex(D2AAFF)	Ratio: 1.50 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 2.33 Failed ⁵	Ratio: 2.76 Failed ⁵	Ratio: 3.16 AA 18pt ²	Ratio: 3.37 AA 18pt ²
Hex(C591FF)	Ratio: 1.85 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 1.25 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 2.24 Failed ⁵	Ratio: 2.56 Failed ⁵	Ratio: 2.73 Failed ⁵
Hex(B777FF)	Ratio: 2.31 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.25 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 2.19 Failed ⁵
Hex(AA5EFF)	Ratio: 2.85 Failed ⁵	Ratio: 2.35 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.77 Failed ⁵
Hex(9C44FF)	Ratio: 3.50 AA 18pt ²	Ratio: 2.88 Failed ⁵	Ratio: 2.33 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.44 Failed ⁵
Hex(8F2BFF)	Ratio: 4.14 AA 18pt ²	Ratio: 3.41 AA 18pt ²	Ratio: 2.76 Failed ⁵	Ratio: 2.24 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.22 Failed ⁵
Hex(8111FF)	Ratio: 4.74 AA ¹ AAA 18pt ⁴	Ratio: 3.91 AA 18pt ²	Ratio: 3.16 AA 18pt ²	Ratio: 2.56 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.07 Failed ⁵
Hex(7800FF)	Ratio: 5.05 AA ¹ AAA 18pt ⁴	Ratio: 4.17 AA 18pt ²	Ratio: 3.37 AA 18pt ²	Ratio: 2.73 Failed ⁵	Ratio: 2.19 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.07 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.