

Converting Colors - WCAG Matrix

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

	Hex(E1CCFF)	Hex(D2B3FF)	Hex(C499FF)	Hex(B580FF)	Hex(A666FF)	Hex(974DFF)	Hex(8833FF)	Hex(791AFF)	Hex(6A00FF)
Hex(E1CCFF)		Ratio: 1.23 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 2.39 Failed ⁵	Ratio: 2.96 Failed ⁵	Ratio: 3.60 AA 18pt ²	Ratio: 4.19 AA 18pt ²	Ratio: 4.67 AA ¹ AAA 18pt ⁴
Hex(D2B3FF)	Ratio: 1.23 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 2.41 Failed ⁵	Ratio: 2.93 Failed ⁵	Ratio: 3.42 AA 18pt ²	Ratio: 3.81 AA 18pt ²
Hex(C499FF)	Ratio: 1.53 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 1.25 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 2.36 Failed ⁵	Ratio: 2.75 Failed ⁵	Ratio: 3.06 AA 18pt ²
Hex(B580FF)	Ratio: 1.91 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.25 Failed ⁵		Ratio: 1.26 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 2.20 Failed ⁵	Ratio: 2.45 Failed ⁵
Hex(A666FF)	Ratio: 2.39 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.26 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.95 Failed ⁵
Hex(974DFF)	Ratio: 2.96 Failed ⁵	Ratio: 2.41 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.58 Failed ⁵
Hex(8833FF)	Ratio: 3.60 AA 18pt ²	Ratio: 2.93 Failed ⁵	Ratio: 2.36 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.30 Failed ⁵
Hex(791AFF)	Ratio: 4.19 AA 18pt ²	Ratio: 3.42 AA 18pt ²	Ratio: 2.75 Failed ⁵	Ratio: 2.20 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.11 Failed ⁵
Hex(6A00FF)	Ratio: 4.67 AA ¹ AAA 18pt ⁴	Ratio: 3.81 AA 18pt ²	Ratio: 3.06 AA 18pt ²	Ratio: 2.45 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.30 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.

This PDF was generated on convertingcolors.com.