

Converting Colors - WCAG Matrix

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

	Hex(4C13DE)	Hex(FFFFFF)	Hex(904FFF)	Hex(AF6AFF)	Hex(CF85FF)	Hex(EEA1FF)	Hex(FFBDFD)	Hex(FFDAFF)	Hex(FFF7FF)
Hex(4C13DE)		Ratio: 8.55 Passed ⁶	Ratio: 1.93 Failed ⁵	Ratio: 2.58 Failed ⁵	Ratio: 3.44 AA 18pt ²	Ratio: 4.55 AA ¹ AAA 18pt ⁴	Ratio: 5.69 AA ¹ AAA 18pt ⁴	Ratio: 6.81 AA ¹ AAA 18pt ⁴	Ratio: 8.15 Passed ⁶
Hex(FFFFFF)	Ratio: 8.55 Passed ⁶		Ratio: 4.42 AA 18pt ²	Ratio: 3.32 AA 18pt ²	Ratio: 2.48 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.05 Failed ⁵
Hex(904FFF)	Ratio: 1.93 Failed ⁵	Ratio: 4.42 AA 18pt ²		Ratio: 1.33 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 2.35 Failed ⁵	Ratio: 2.94 Failed ⁵	Ratio: 3.52 AA 18pt ²	Ratio: 4.21 AA 18pt ²
Hex(AF6AFF)	Ratio: 2.58 Failed ⁵	Ratio: 3.32 AA 18pt ²	Ratio: 1.33 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 2.21 Failed ⁵	Ratio: 2.64 Failed ⁵	Ratio: 3.16 AA 18pt ²
Hex(CF85FF)	Ratio: 3.44 AA 18pt ²	Ratio: 2.48 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 2.37 Failed ⁵
Hex(EEA1FF)	Ratio: 4.55 AA ¹ AAA 18pt ⁴	Ratio: 1.88 Failed ⁵	Ratio: 2.35 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 1.25 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.79 Failed ⁵
Hex(FFBDFD)	Ratio: 5.69 AA ¹ AAA 18pt ⁴	Ratio: 1.50 Failed ⁵	Ratio: 2.94 Failed ⁵	Ratio: 2.21 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.25 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 1.43 Failed ⁵
Hex(FFDAFF)	Ratio: 6.81 AA ¹ AAA 18pt ⁴	Ratio: 1.26 Failed ⁵	Ratio: 3.52 AA 18pt ²	Ratio: 2.64 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 1.20 Failed ⁵
Hex(FFF7FF)	Ratio: 8.15 Passed ⁶	Ratio: 1.05 Failed ⁵	Ratio: 4.21 AA 18pt ²	Ratio: 3.16 AA 18pt ²	Ratio: 2.37 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.20 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.