

Converting Colors - WCAG Matrix

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

Hex(D500CF) Hex(FFFFFF) Hex(F55FFF) Hex(F77EFF) Hex(F99CFF) Hex(FB99FF) Hex(FD99FF) Hex(FF77FF)

	Hex(D500CF)	Hex(FFFFFF)	Hex(F55FFF)	Hex(F77EFF)	Hex(F99CFF)	Hex(FB99FF)	Hex(FD99FF)	Hex(FF77FF)
Hex(D500CF)		Ratio: 4.44 AA 18pt ²	Ratio: 1.76 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 2.42 Failed ⁵	Ratio: 2.92 Failed ⁵	Ratio: 3.51 AA 18pt ²	Ratio: 4.23 AA 18pt ²
Hex(FFFFFF)	Ratio: 4.44 AA 18pt ²		Ratio: 2.52 Failed ⁵	Ratio: 2.17 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.05 Failed ⁵
Hex(F55FFF)	Ratio: 1.76 Failed ⁵	Ratio: 2.52 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 2.40 Failed ⁵
Hex(F77EFF)	Ratio: 2.05 Failed ⁵	Ratio: 2.17 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 2.07 Failed ⁵
Hex(F99CFF)	Ratio: 2.42 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.75 Failed ⁵
Hex(FB99FF)	Ratio: 2.92 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 1.45 Failed ⁵
Hex(FD99FF)	Ratio: 3.51 AA 18pt ²	Ratio: 1.26 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 1.20 Failed ⁵
Hex(FF77FF)	Ratio: 4.23 AA 18pt ²	Ratio: 1.05 Failed ⁵	Ratio: 2.40 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.45 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

Failed 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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