

Converting Colors - WCAG Matrix

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

	Hex(C300C6)	Hex(FFFFFF)	Hex(FF5BFF)	Hex(FF79FF)	Hex(FF97FF)	Hex(FFB5FF)	Hex(FFD3FF)	Hex(FFF1FF)
Hex(C300C6)		Ratio: 5.08 AA ¹ AAA 18pt ⁴	Ratio: 1.98 Failed ⁵	Ratio: 2.28 Failed ⁵	Ratio: 2.69 Failed ⁵	Ratio: 3.22 AA 18pt ²	Ratio: 3.87 AA 18pt ²	Ratio: 4.66 AA ¹ AAA 18pt ⁴
Hex(FFFFFF)	Ratio: 5.08 AA ¹ AAA 18pt ⁴		Ratio: 2.56 Failed ⁵	Ratio: 2.23 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.09 Failed ⁵
Hex(FF5BFF)	Ratio: 1.98 Failed ⁵	Ratio: 2.56 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 2.35 Failed ⁵
Hex(FF79FF)	Ratio: 2.28 Failed ⁵	Ratio: 2.23 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 2.04 Failed ⁵
Hex(FF97FF)	Ratio: 2.69 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.73 Failed ⁵
Hex(FFB5FF)	Ratio: 3.22 AA 18pt ²	Ratio: 1.58 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 1.45 Failed ⁵
Hex(FFD3FF)	Ratio: 3.87 AA 18pt ²	Ratio: 1.31 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 1.20 Failed ⁵
Hex(FFF1FF)	Ratio: 4.66 AA ¹ AAA 18pt ⁴	Ratio: 1.09 Failed ⁵	Ratio: 2.35 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 1.73 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

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.

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