

Converting Colors - WCAG Matrix

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

Hex(9A02C0) Hex(FFC9FF) Hex(D453F9) Hex(F270FF) Hex(FF8CFF) Hex(FFA9FF) Hex(FFC6FF)

	Hex(9A02C0)	Hex(FFC9FF)	Hex(D453F9)	Hex(F270FF)	Hex(FF8CFF)	Hex(FFA9FF)	Hex(FFC6FF)
Hex(9A02C0)		Ratio: 4.79 AA ¹ AAA 18pt ⁴	Ratio: 2.04 Failed ⁵	Ratio: 2.72 Failed ⁵	Ratio: 3.32 AA 18pt ²	Ratio: 3.94 AA 18pt ²	Ratio: 4.70 AA ¹ AAA 18pt ⁴
Hex(FFC9FF)	Ratio: 4.79 AA ¹ AAA 18pt ⁴		Ratio: 2.35 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.02 Failed ⁵
Hex(D453F9)	Ratio: 2.04 Failed ⁵	Ratio: 2.35 Failed ⁵		Ratio: 1.33 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 2.31 Failed ⁵
Hex(F270FF)	Ratio: 2.72 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.33 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.73 Failed ⁵
Hex(FF8CFF)	Ratio: 3.32 AA 18pt ²	Ratio: 1.44 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.41 Failed ⁵
Hex(FFA9FF)	Ratio: 3.94 AA 18pt ²	Ratio: 1.22 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.19 Failed ⁵
Hex(FFC6FF)	Ratio: 4.70 AA ¹ AAA 18pt ⁴	Ratio: 1.02 Failed ⁵	Ratio: 2.31 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.19 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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