

Converting Colors - WCAG Matrix

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

Hex(A6018D) Hex(FFCBFF) Hex(E152C3) Hex(FF6FDF) Hex(FF8CFC) Hex(FFA8FF) Hex(FFC5FF)

	Hex(A6018D)	Hex(FFCBFF)	Hex(E152C3)	Hex(FF6FDF)	Hex(FF8CFC)	Hex(FFA8FF)	Hex(FFC5FF)
Hex(A6018D)		Ratio: 5.06 AA ¹ AAA 18pt ⁴	Ratio: 2.06 Failed ⁵	Ratio: 2.85 Failed ⁵	Ratio: 3.46 AA 18pt ²	Ratio: 4.08 AA 18pt ²	Ratio: 4.88 AA ¹ AAA 18pt ⁴
Hex(FFCBFF)	Ratio: 5.06 AA ¹ AAA 18pt ⁴		Ratio: 2.46 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.04 Failed ⁵
Hex(E152C3)	Ratio: 2.06 Failed ⁵	Ratio: 2.46 Failed ⁵		Ratio: 1.39 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 2.37 Failed ⁵
Hex(FF6FDF)	Ratio: 2.85 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.39 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.71 Failed ⁵
Hex(FF8CFC)	Ratio: 3.46 AA 18pt ²	Ratio: 1.46 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.41 Failed ⁵
Hex(FFA8FF)	Ratio: 4.08 AA 18pt ²	Ratio: 1.24 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.19 Failed ⁵
Hex(FFC5FF)	Ratio: 4.88 AA ¹ AAA 18pt ⁴	Ratio: 1.04 Failed ⁵	Ratio: 2.37 Failed ⁵	Ratio: 1.71 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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