

Converting Colors - WCAG Matrix

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

Hex(FF99FA) Hex(FF85F9) Hex(C7FF99) Hex(80737F) Hex(BF00B6) Hex(40003D)

	Hex(FF99FA)	Hex(FF85F9)	Hex(C7FF99)	Hex(80737F)	Hex(BF00B6)	Hex(40003D)
Hex(FF99FA)		Ratio: 1.12 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 2.39 Failed ⁵	Ratio: 2.88 Failed ⁵	Ratio: 8.70 Passed ⁶
Hex(FF85F9)	Ratio: 1.12 Failed ⁵		Ratio: 1.82 Failed ⁵	Ratio: 2.13 Failed ⁵	Ratio: 2.56 Failed ⁵	Ratio: 7.76 Passed ⁶
Hex(C7FF99)	Ratio: 1.63 Failed ⁵	Ratio: 1.82 Failed ⁵		Ratio: 3.89 AA 18pt ²	Ratio: 4.68 AA ¹ AAA 18pt ⁴	Ratio: 14.15 Passed ⁶
Hex(80737F)	Ratio: 2.39 Failed ⁵	Ratio: 2.13 Failed ⁵	Ratio: 3.89 AA 18pt ²		Ratio: 1.20 Failed ⁵	Ratio: 3.64 AA 18pt ²
Hex(BF00B6)	Ratio: 2.88 Failed ⁵	Ratio: 2.56 Failed ⁵	Ratio: 4.68 AA ¹ AAA 18pt ⁴	Ratio: 1.20 Failed ⁵		Ratio: 3.03 AA 18pt ²
Hex(40003D)	Ratio: 8.70 Passed ⁶	Ratio: 7.76 Passed ⁶	Ratio: 14.15 Passed ⁶	Ratio: 3.64 AA 18pt ²	Ratio: 3.03 AA 18pt ²	

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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