

Converting Colors - WCAG Matrix

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

Hex(FF00F5) Hex(FF8800) Hex(80737F) Hex(BF00B8) Hex(40003D)

	Hex(FF00F5)	Hex(FF8800)	Hex(80737F)	Hex(BF00B8)	Hex(40003D)
Hex(FF00F5)		Ratio: 1.34 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 5.11 AA ¹ AAA 18pt ⁴
Hex(FF8800)	Ratio: 1.34 Failed ⁵		Ratio: 1.88 Failed ⁵	Ratio: 2.25 Failed ⁵	Ratio: 6.83 AA ¹ AAA 18pt ⁴
Hex(80737F)	Ratio: 1.40 Failed ⁵	Ratio: 1.88 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 3.64 AA 18pt ²
Hex(BF00B8)	Ratio: 1.68 Failed ⁵	Ratio: 2.25 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 3.04 AA 18pt ²
Hex(40003D)	Ratio: 5.11 AA ¹ AAA 18pt ⁴	Ratio: 6.83 AA ¹ AAA 18pt ⁴	Ratio: 3.64 AA 18pt ²	Ratio: 3.04 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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