

Converting Colors - WCAG Matrix

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

Hex(FF0CC7) Hex(FF00C4) Hex(FFBA0C) Hex(80737D) Hex(BF0093) Hex(400031)

	Hex(FF0CC7)	Hex(FF00C4)	Hex(FFBA0C)	Hex(80737D)	Hex(BF0093)	Hex(400031)
Hex(FF0CC7)		Ratio: 1.01 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 4.86 AA ¹ AAA 18pt ⁴
Hex(FF00C4)	Ratio: 1.01 Failed ⁵		Ratio: 2.03 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 4.79 AA ¹ AAA 18pt ⁴
Hex(FFBA0C)	Ratio: 2.00 Failed ⁵	Ratio: 2.03 Failed ⁵		Ratio: 2.63 Failed ⁵	Ratio: 3.38 AA 18pt ²	Ratio: 9.73 Passed ⁶
Hex(80737D)	Ratio: 1.31 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 2.63 Failed ⁵		Ratio: 1.28 Failed ⁵	Ratio: 3.70 AA 18pt ²
Hex(BF0093)	Ratio: 1.69 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 3.38 AA 18pt ²	Ratio: 1.28 Failed ⁵		Ratio: 2.88 Failed ⁵
Hex(400031)	Ratio: 4.86 AA ¹ AAA 18pt ⁴	Ratio: 4.79 AA ¹ AAA 18pt ⁴	Ratio: 9.73 Passed ⁶	Ratio: 3.70 AA 18pt ²	Ratio: 2.88 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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