

Converting Colors - WCAG Matrix

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

Hex(F400C4) Hex(FF00CD) Hex(F4A700) Hex(7A6E78) Hex(BA0096) Hex(3B002F)

	Hex(F400C4)	Hex(FF00CD)	Hex(F4A700)	Hex(7A6E78)	Hex(BA0096)	Hex(3B002F)
Hex(F400C4)		Ratio: 1.09 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 4.60 AA ¹ AAA 18pt ⁴
Hex(FF00CD)	Ratio: 1.09 Failed ⁵		Ratio: 1.69 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 5.00 AA ¹ AAA 18pt ⁴
Hex(F4A700)	Ratio: 1.84 Failed ⁵	Ratio: 1.69 Failed ⁵		Ratio: 2.40 Failed ⁵	Ratio: 2.94 Failed ⁵	Ratio: 8.45 Passed ⁶
Hex(7A6E78)	Ratio: 1.30 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 2.40 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 3.53 AA 18pt ²
Hex(BA0096)	Ratio: 1.60 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 2.94 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 2.88 Failed ⁵
Hex(3B002F)	Ratio: 4.60 AA ¹ AAA 18pt ⁴	Ratio: 5.00 AA ¹ AAA 18pt ⁴	Ratio: 8.45 Passed ⁶	Ratio: 3.53 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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