

Converting Colors - WCAG Matrix

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

Hex(F700AD) Hex(FF00B2) Hex(31F700) Hex(7A6E77) Hex(BA0082) Hex(3B0029)

	Hex(F700AD)	Hex(FF00B2)	Hex(31F700)	Hex(7A6E77)	Hex(BA0082)	Hex(3B0029)
Hex(F700AD)		Ratio: 1.06 Failed ⁵	Ratio: 2.60 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 4.56 AA ¹ AAA 18pt ⁴
Hex(FF00B2)	Ratio: 1.06 Failed ⁵		Ratio: 2.45 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 4.84 AA ¹ AAA 18pt ⁴
Hex(31F700)	Ratio: 2.60 Failed ⁵	Ratio: 2.45 Failed ⁵		Ratio: 3.34 AA 18pt ²	Ratio: 4.23 AA 18pt ²	Ratio: 11.85 Passed ⁶
Hex(7A6E77)	Ratio: 1.29 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 3.34 AA 18pt ²		Ratio: 1.27 Failed ⁵	Ratio: 3.55 AA 18pt ²
Hex(BA0082)	Ratio: 1.63 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 4.23 AA 18pt ²	Ratio: 1.27 Failed ⁵		Ratio: 2.80 Failed ⁵
Hex(3B0029)	Ratio: 4.56 AA ¹ AAA 18pt ⁴	Ratio: 4.84 AA ¹ AAA 18pt ⁴	Ratio: 11.85 Passed ⁶	Ratio: 3.55 AA 18pt ²	Ratio: 2.80 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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