

Converting Colors - WCAG Matrix

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

Hex(F60EB8) Hex(FF00BB) Hex(F6BC0E) Hex(7A6E77) Hex(BA0089) Hex(3B002B)

	Hex(F60EB8)	Hex(FF00BB)	Hex(F6BC0E)	Hex(7A6E77)	Hex(BA0089)	Hex(3B002B)
Hex(F60EB8)		Ratio: 1.05 Failed ⁵	Ratio: 2.14 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 4.65 AA ¹ AAA 18pt ⁴
Hex(FF00BB)	Ratio: 1.05 Failed ⁵		Ratio: 2.03 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 4.89 AA ¹ AAA 18pt ⁴
Hex(F6BC0E)	Ratio: 2.14 Failed ⁵	Ratio: 2.03 Failed ⁵		Ratio: 2.80 Failed ⁵	Ratio: 3.51 AA 18pt ²	Ratio: 9.93 Passed ⁶
Hex(7A6E77)	Ratio: 1.31 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 2.80 Failed ⁵		Ratio: 1.25 Failed ⁵	Ratio: 3.54 AA 18pt ²
Hex(BA0089)	Ratio: 1.64 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 3.51 AA 18pt ²	Ratio: 1.25 Failed ⁵		Ratio: 2.83 Failed ⁵
Hex(3B002B)	Ratio: 4.65 AA ¹ AAA 18pt ⁴	Ratio: 4.89 AA ¹ AAA 18pt ⁴	Ratio: 9.93 Passed ⁶	Ratio: 3.54 AA 18pt ²	Ratio: 2.83 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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