

Converting Colors - WCAG Matrix

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

Hex(F301C0) Hex(FF00C9) Hex(F3014A) Hex(7A6E78) Hex(BA0093) Hex(3B002E)

	Hex(F301C0)	Hex(FF00C9)	Hex(F3014A)	Hex(7A6E78)	Hex(BA0093)	Hex(3B002E)
Hex(F301C0)		Ratio: 1.09 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 4.55 AA ¹ AAA 18pt ⁴
Hex(FF00C9)	Ratio: 1.09 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 4.97 AA ¹ AAA 18pt ⁴
Hex(F3014A)	Ratio: 1.13 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 4.01 AA 18pt ²
Hex(7A6E78)	Ratio: 1.29 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 3.53 AA 18pt ²
Hex(BA0093)	Ratio: 1.59 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 2.86 Failed ⁵
Hex(3B002E)	Ratio: 4.55 AA ¹ AAA 18pt ⁴	Ratio: 4.97 AA ¹ AAA 18pt ⁴	Ratio: 4.01 AA 18pt ²	Ratio: 3.53 AA 18pt ²	Ratio: 2.86 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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