

Converting Colors - WCAG Matrix

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

Hex(FF2C9F) Hex(FF038C) Hex(FFF42C) Hex(80737A) Hex(BF0068) Hex(400023)

	Hex(FF2C9F)	Hex(FF038C)	Hex(FFF42C)	Hex(80737A)	Hex(BF0068)	Hex(400023)
Hex(FF2C9F)		Ratio: 1.08 Failed ⁵	Ratio: 2.98 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 4.92 AA ¹ AAA 18pt ⁴
Hex(FF038C)	Ratio: 1.08 Failed ⁵		Ratio: 3.23 AA 18pt ²	Ratio: 1.21 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 4.54 AA ¹ AAA 18pt ⁴
Hex(FFF42C)	Ratio: 2.98 Failed ⁵	Ratio: 3.23 AA 18pt ²		Ratio: 3.92 AA 18pt ²	Ratio: 5.34 AA ¹ AAA 18pt ⁴	Ratio: 14.67 Passed ⁶
Hex(80737A)	Ratio: 1.31 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 3.92 AA 18pt ²		Ratio: 1.36 Failed ⁵	Ratio: 3.74 AA 18pt ²
Hex(BF0068)	Ratio: 1.79 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 5.34 AA ¹ AAA 18pt ⁴	Ratio: 1.36 Failed ⁵		Ratio: 2.75 Failed ⁵
Hex(400023)	Ratio: 4.92 AA ¹ AAA 18pt ⁴	Ratio: 4.54 AA ¹ AAA 18pt ⁴	Ratio: 14.67 Passed ⁶	Ratio: 3.74 AA 18pt ²	Ratio: 2.75 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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