

Converting Colors - WCAG Matrix

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

Hex(873269) Hex(B02A81) Hex(877A32) Hex(423C40) Hex(820054) Hex(030002)

	Hex(873269)	Hex(B02A81)	Hex(877A32)	Hex(423C40)	Hex(820054)	Hex(030002)
Hex(873269)		Ratio: 1.30 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 2.68 Failed ⁵
Hex(B02A81)	Ratio: 1.30 Failed ⁵		Ratio: 1.39 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 3.48 AA 18pt ²
Hex(877A32)	Ratio: 1.81 Failed ⁵	Ratio: 1.39 Failed ⁵		Ratio: 2.49 Failed ⁵	Ratio: 2.34 Failed ⁵	Ratio: 4.84 AA ¹ AAA 18pt ⁴
Hex(423C40)	Ratio: 1.38 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 2.49 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 1.94 Failed ⁵
Hex(820054)	Ratio: 1.30 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 2.34 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 2.07 Failed ⁵
Hex(030002)	Ratio: 2.68 Failed ⁵	Ratio: 3.48 AA 18pt ²	Ratio: 4.84 AA ¹ AAA 18pt ⁴	Ratio: 1.94 Failed ⁵	Ratio: 2.07 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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