

Converting Colors - WCAG Matrix

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

Hex(C82D73) Hex(FF127D) Hex(C0C82D) Hex(635A5E) Hex(A30049) Hex(240010)

	Hex(C82D73)	Hex(FF127D)	Hex(C0C82D)	Hex(635A5E)	Hex(A30049)	Hex(240010)
Hex(C82D73)		Ratio: 1.38 Failed ⁵	Ratio: 2.83 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 3.77 AA 18pt ²
Hex(FF127D)	Ratio: 1.38 Failed ⁵		Ratio: 2.05 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 2.12 Failed ⁵	Ratio: 5.21 AA ¹ AAA 18pt ⁴
Hex(C0C82D)	Ratio: 2.83 Failed ⁵	Ratio: 2.05 Failed ⁵		Ratio: 3.66 AA 18pt ²	Ratio: 4.35 AA 18pt ²	Ratio: 10.66 Passed ⁶
Hex(635A5E)	Ratio: 1.29 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 3.66 AA 18pt ²		Ratio: 1.19 Failed ⁵	Ratio: 2.91 Failed ⁵
Hex(A30049)	Ratio: 1.54 Failed ⁵	Ratio: 2.12 Failed ⁵	Ratio: 4.35 AA 18pt ²	Ratio: 1.19 Failed ⁵		Ratio: 2.45 Failed ⁵
Hex(240010)	Ratio: 3.77 AA 18pt ²	Ratio: 5.21 AA ¹ AAA 18pt ⁴	Ratio: 10.66 Passed ⁶	Ratio: 2.91 Failed ⁵	Ratio: 2.45 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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