

Converting Colors - WCAG Matrix

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

Hex(28082B) Hex(330138) Hex(2B081D) Hex(171517) Hex(4E0057) Hex(C100D6)

	Hex(28082B)	Hex(330138)	Hex(2B081D)	Hex(171517)	Hex(4E0057)	Hex(C100D6)
Hex(28082B)		Ratio: 1.04 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 3.65 AA 18pt ²
Hex(330138)	Ratio: 1.04 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 3.53 AA 18pt ²
Hex(2B081D)	Ratio: 1.00 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 1.00 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 3.67 AA 18pt ²
Hex(171517)	Ratio: 1.00 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.00 Failed ⁵		Ratio: 1.26 Failed ⁵	Ratio: 3.67 AA 18pt ²
Hex(4E0057)	Ratio: 1.26 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.26 Failed ⁵		Ratio: 2.90 Failed ⁵
Hex(C100D6)	Ratio: 3.65 AA 18pt ²	Ratio: 3.53 AA 18pt ²	Ratio: 3.67 AA 18pt ²	Ratio: 3.67 AA 18pt ²	Ratio: 2.90 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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