

Converting Colors - WCAG Matrix

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

Hex(5C244A) Hex(78205C) Hex(245C52) Hex(2E292C) Hex(6E004A) Hex(ED00A1)

	Hex(5C244A)	Hex(78205C)	Hex(245C52)	Hex(2E292C)	Hex(6E004A)	Hex(ED00A1)
Hex(5C244A)		Ratio: 1.20 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 2.83 Failed ⁵
Hex(78205C)	Ratio: 1.20 Failed ⁵		Ratio: 1.26 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 2.37 Failed ⁵
Hex(245C52)	Ratio: 1.51 Failed ⁵	Ratio: 1.26 Failed ⁵		Ratio: 1.86 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.88 Failed ⁵
Hex(2E292C)	Ratio: 1.23 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.86 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 3.48 AA 18pt ²
Hex(6E004A)	Ratio: 1.03 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 2.90 Failed ⁵
Hex(ED00A1)	Ratio: 2.83 Failed ⁵	Ratio: 2.37 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 3.48 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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