

Converting Colors - WCAG Matrix

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

Hex(5E122F) Hex(7A0431) Hex(12555E) Hex(2E292B) Hex(6E002A) Hex(ED005A)

	Hex(5E122F)	Hex(7A0431)	Hex(12555E)	Hex(2E292B)	Hex(6E002A)	Hex(ED005A)
Hex(5E122F)		Ratio: 1.18 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 2.96 Failed ⁵
Hex(7A0431)	Ratio: 1.18 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 2.51 Failed ⁵
Hex(12555E)	Ratio: 1.55 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 1.69 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.91 Failed ⁵
Hex(2E292B)	Ratio: 1.09 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.69 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 3.23 AA 18pt ²
Hex(6E002A)	Ratio: 1.06 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 2.80 Failed ⁵
Hex(ED005A)	Ratio: 2.96 Failed ⁵	Ratio: 2.51 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 3.23 AA 18pt ²	Ratio: 2.80 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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