

Converting Colors - WCAG Matrix

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

Hex(5C384F) Hex(784063) Hex(5C383D) Hex(2E292B) Hex(6E0045) Hex(ED0099)

	Hex(5C384F)	Hex(784063)	Hex(5C383D)	Hex(2E292B)	Hex(6E0045)	Hex(ED0099)
Hex(5C384F)		Ratio: 1.27 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 2.37 Failed ⁵
Hex(784063)	Ratio: 1.27 Failed ⁵		Ratio: 1.30 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.87 Failed ⁵
Hex(5C383D)	Ratio: 1.02 Failed ⁵	Ratio: 1.30 Failed ⁵		Ratio: 1.42 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 2.42 Failed ⁵
Hex(2E292B)	Ratio: 1.45 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 1.42 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 3.45 AA 18pt ²
Hex(6E0045)	Ratio: 1.22 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 2.89 Failed ⁵
Hex(ED0099)	Ratio: 2.37 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 2.42 Failed ⁵	Ratio: 3.45 AA 18pt ²	Ratio: 2.89 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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