

Converting Colors - WCAG Matrix

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

	Hex(5C4A4F)	Hex(785C64)	Hex(5C4E4A)	Hex(2E292B)	Hex(6E001E)	Hex(ED0042)
Hex(5C4A4F)		Ratio: 1.38 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.84 Failed ⁵
Hex(785C64)	Ratio: 1.38 Failed ⁵		Ratio: 1.33 Failed ⁵	Ratio: 2.39 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 1.33 Failed ⁵
Hex(5C4E4A)	Ratio: 1.04 Failed ⁵	Ratio: 1.33 Failed ⁵		Ratio: 1.80 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.77 Failed ⁵
Hex(2E292B)	Ratio: 1.74 Failed ⁵	Ratio: 2.39 Failed ⁵	Ratio: 1.80 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 3.19 AA 18pt ²
Hex(6E001E)	Ratio: 1.51 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 2.78 Failed ⁵
Hex(ED0042)	Ratio: 1.84 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 3.19 AA 18pt ²	Ratio: 2.78 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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