

Converting Colors - WCAG Matrix

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

Hex(5E3E48) Hex(7A4857) Hex(3E585E) Hex(302C2D) Hex(700021) Hex(F00047)

	Hex(5E3E48)	Hex(7A4857)	Hex(3E585E)	Hex(302C2D)	Hex(700021)	Hex(F00047)
Hex(5E3E48)		Ratio: 1.28 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 2.12 Failed ⁵
Hex(7A4857)	Ratio: 1.28 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.66 Failed ⁵
Hex(3E585E)	Ratio: 1.22 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 1.81 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.74 Failed ⁵
Hex(302C2D)	Ratio: 1.48 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 1.81 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 3.15 AA 18pt ²
Hex(700021)	Ratio: 1.32 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 2.80 Failed ⁵
Hex(F00047)	Ratio: 2.12 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 3.15 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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