

Converting Colors - WCAG Matrix

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

Hex(633E44) Hex(80464F) Hex(3E5763) Hex(302C2C) Hex(700012) Hex(F00027)

	Hex(633E44)	Hex(80464F)	Hex(3E5763)	Hex(302C2C)	Hex(700012)	Hex(F00027)
Hex(633E44)		Ratio: 1.26 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 2.06 Failed ⁵
Hex(80464F)	Ratio: 1.26 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.63 Failed ⁵
Hex(3E5763)	Ratio: 1.19 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 1.81 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.72 Failed ⁵
Hex(302C2C)	Ratio: 1.51 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.81 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 3.11 AA 18pt ²
Hex(700012)	Ratio: 1.36 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 2.79 Failed ⁵
Hex(F00027)	Ratio: 2.06 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 3.11 AA 18pt ²	Ratio: 2.79 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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