

Converting Colors - WCAG Matrix

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

Hex(633C43) Hex(80444E) Hex(3C5663) Hex(302C2C) Hex(700014) Hex(F0002A)

	Hex(633C43)	Hex(80444E)	Hex(3C5663)	Hex(302C2C)	Hex(700014)	Hex(F0002A)
Hex(633C43)		Ratio: 1.26 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 2.10 Failed ⁵
Hex(80444E)	Ratio: 1.26 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.66 Failed ⁵
Hex(3C5663)	Ratio: 1.20 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 1.78 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.75 Failed ⁵
Hex(302C2C)	Ratio: 1.48 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 1.78 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 3.11 AA 18pt ²
Hex(700014)	Ratio: 1.33 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 2.79 Failed ⁵
Hex(F0002A)	Ratio: 2.10 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.75 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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