

Converting Colors - WCAG Matrix

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

Hex(663E3E) Hex(854646) Hex(66523E) Hex(332E2E) Hex(730000) Hex(F20000)

	Hex(663E3E)	Hex(854646)	Hex(66523E)	Hex(332E2E)	Hex(730000)	Hex(F20000)
Hex(663E3E)		Ratio: 1.27 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 2.06 Failed ⁵
Hex(854646)	Ratio: 1.27 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.61 Failed ⁵
Hex(66523E)	Ratio: 1.22 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 1.81 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.68 Failed ⁵
Hex(332E2E)	Ratio: 1.48 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 1.81 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 3.04 AA 18pt ²
Hex(730000)	Ratio: 1.34 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 2.76 Failed ⁵
Hex(F20000)	Ratio: 2.06 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 3.04 AA 18pt ²	Ratio: 2.76 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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