

Converting Colors - WCAG Matrix

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

Hex(643C3C) Hex(824444) Hex(64503C) Hex(332E2E) Hex(730000) Hex(F20000)

	Hex(643C3C)	Hex(824444)	Hex(64503C)	Hex(332E2E)	Hex(730000)	Hex(F20000)
Hex(643C3C)		Ratio: 1.27 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 2.12 Failed ⁵
Hex(824444)	Ratio: 1.27 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.67 Failed ⁵
Hex(64503C)	Ratio: 1.22 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 1.75 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.73 Failed ⁵
Hex(332E2E)	Ratio: 1.43 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.75 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 3.04 AA 18pt ²
Hex(730000)	Ratio: 1.30 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 2.76 Failed ⁵
Hex(F20000)	Ratio: 2.12 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.73 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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