

Converting Colors - WCAG Matrix

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

Hex(634435) Hex(825039) Hex(635A35) Hex(302D2C) Hex(702300) Hex(F04C00)

	Hex(634435)	Hex(825039)	Hex(635A35)	Hex(302D2C)	Hex(702300)	Hex(F04C00)
Hex(634435)		Ratio: 1.31 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 2.38 Failed ⁵
Hex(825039)	Ratio: 1.31 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.82 Failed ⁵
Hex(635A35)	Ratio: 1.26 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 1.98 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.89 Failed ⁵
Hex(302D2C)	Ratio: 1.57 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 1.98 Failed ⁵		Ratio: 1.25 Failed ⁵	Ratio: 3.73 AA 18pt ²
Hex(702300)	Ratio: 1.25 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.25 Failed ⁵		Ratio: 2.97 Failed ⁵
Hex(F04C00)	Ratio: 2.38 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 3.73 AA 18pt ²	Ratio: 2.97 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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