

Converting Colors - WCAG Matrix

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

Hex(C73A3A) Hex(FF2626) Hex(C7813A) Hex(635A5A) Hex(A30000) Hex(240000)

	Hex(C73A3A)	Hex(FF2626)	Hex(C7813A)	Hex(635A5A)	Hex(A30000)	Hex(240000)
Hex(C73A3A)		Ratio: 1.36 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 3.81 AA 18pt ²
Hex(FF2626)	Ratio: 1.36 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 2.17 Failed ⁵	Ratio: 5.17 AA ¹ AAA 18pt ⁴
Hex(C7813A)	Ratio: 1.62 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 2.11 Failed ⁵	Ratio: 2.59 Failed ⁵	Ratio: 6.17 AA ¹ AAA 18pt ⁴
Hex(635A5A)	Ratio: 1.30 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 2.11 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 2.92 Failed ⁵
Hex(A30000)	Ratio: 1.60 Failed ⁵	Ratio: 2.17 Failed ⁵	Ratio: 2.59 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 2.38 Failed ⁵
Hex(240000)	Ratio: 3.81 AA 18pt ²	Ratio: 5.17 AA ¹ AAA 18pt ⁴	Ratio: 6.17 AA ¹ AAA 18pt ⁴	Ratio: 2.92 Failed ⁵	Ratio: 2.38 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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