

Converting Colors - WCAG Matrix

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

Hex(C04B43) Hex(FA4337) Hex(C08843) Hex(615857) Hex(A10A00) Hex(210200)

	Hex(C04B43)	Hex(FA4337)	Hex(C08843)	Hex(615857)	Hex(A10A00)	Hex(210200)
Hex(C04B43)		Ratio: 1.37 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 4.03 AA 18pt ²
Hex(FA4337)	Ratio: 1.37 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 2.31 Failed ⁵	Ratio: 5.52 AA ¹ AAA 18pt ⁴
Hex(C08843)	Ratio: 1.58 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 2.25 Failed ⁵	Ratio: 2.67 Failed ⁵	Ratio: 6.38 AA ¹ AAA 18pt ⁴
Hex(615857)	Ratio: 1.42 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 2.25 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 2.83 Failed ⁵
Hex(A10A00)	Ratio: 1.69 Failed ⁵	Ratio: 2.31 Failed ⁵	Ratio: 2.67 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 2.38 Failed ⁵
Hex(210200)	Ratio: 4.03 AA 18pt ²	Ratio: 5.52 AA ¹ AAA 18pt ⁴	Ratio: 6.38 AA ¹ AAA 18pt ⁴	Ratio: 2.83 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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