

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(C25246) Hex(FC4D3A) Hex(C28E46) Hex(615857) Hex(A10F00) Hex(210300)

Hex(C25246)		Ratio: 1.36 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 4.26 AA 18pt ²
Hex(FC4D3A)	Ratio: 1.36 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 2.42 Failed ⁵	Ratio: 5.81 AA ¹ AAA 18pt ⁴
Hex(C28E46)	Ratio: 1.58 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 2.38 Failed ⁵	Ratio: 2.81 Failed ⁵	Ratio: 6.73 AA ¹ AAA 18pt ⁴
Hex(615857)	Ratio: 1.51 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 2.38 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 2.82 Failed ⁵
Hex(A10F00)	Ratio: 1.78 Failed ⁵	Ratio: 2.42 Failed ⁵	Ratio: 2.81 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 2.40 Failed ⁵
Hex(210300)	Ratio: 4.26 AA 18pt ²	Ratio: 5.81 AA ¹ AAA 18pt ⁴	Ratio: 6.73 AA ¹ AAA 18pt ⁴	Ratio: 2.82 Failed ⁵	Ratio: 2.40 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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