

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(C78528) Hex(FF990A) Hex(BAC728) Hex(635F5A) Hex(A35F00) Hex(241500)

	Hex(C78528)	Hex(FF990A)	Hex(BAC728)	Hex(635F5A)	Hex(A35F00)	Hex(241500)
Hex(C78528)		Ratio: 1.44 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 5.76 AA ¹ AAA 18pt ⁴
Hex(FF990A)	Ratio: 1.44 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 2.96 Failed ⁵	Ratio: 2.34 Failed ⁵	Ratio: 8.30 Passed ⁶
Hex(BAC728)	Ratio: 1.66 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 3.41 AA 18pt ²	Ratio: 2.69 Failed ⁵	Ratio: 9.55 Passed ⁶
Hex(635F5A)	Ratio: 2.06 Failed ⁵	Ratio: 2.96 Failed ⁵	Ratio: 3.41 AA 18pt ²		Ratio: 1.27 Failed ⁵	Ratio: 2.80 Failed ⁵
Hex(A35F00)	Ratio: 1.62 Failed ⁵	Ratio: 2.34 Failed ⁵	Ratio: 2.69 Failed ⁵	Ratio: 1.27 Failed ⁵		Ratio: 3.55 AA 18pt ²
Hex(241500)	Ratio: 5.76 AA ¹ AAA 18pt ⁴	Ratio: 8.30 Passed ⁶	Ratio: 9.55 Passed ⁶	Ratio: 2.80 Failed ⁵	Ratio: 3.55 AA 18pt ²	

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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