

Converting Colors - WCAG Matrix

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

Hex(F7C4A9) Hex(FFC09E) Hex(F7EAA9) Hex(7A726E) Hex(BA4100) Hex(3B1400)

	Hex(F7C4A9)	Hex(FFC09E)	Hex(F7EAA9)	Hex(7A726E)	Hex(BA4100)	Hex(3B1400)
Hex(F7C4A9)		Ratio: 1.01 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 3.01 AA 18pt ²	Ratio: 3.49 AA 18pt ²	Ratio: 10.44 Passed ⁶
Hex(FFC09E)	Ratio: 1.01 Failed ⁵		Ratio: 1.30 Failed ⁵	Ratio: 2.98 Failed ⁵	Ratio: 3.46 AA 18pt ²	Ratio: 10.33 Passed ⁶
Hex(F7EAA9)	Ratio: 1.29 Failed ⁵	Ratio: 1.30 Failed ⁵		Ratio: 3.88 AA 18pt ²	Ratio: 4.50 AA ¹ AAA 18pt ⁴	Ratio: 13.45 Passed ⁶
Hex(7A726E)	Ratio: 3.01 AA 18pt ²	Ratio: 2.98 Failed ⁵	Ratio: 3.88 AA 18pt ²		Ratio: 1.16 Failed ⁵	Ratio: 3.47 AA 18pt ²
Hex(BA4100)	Ratio: 3.49 AA 18pt ²	Ratio: 3.46 AA 18pt ²	Ratio: 4.50 AA ¹ AAA 18pt ⁴	Ratio: 1.16 Failed ⁵		Ratio: 2.99 Failed ⁵
Hex(3B1400)	Ratio: 10.44 Passed ⁶	Ratio: 10.33 Passed ⁶	Ratio: 13.45 Passed ⁶	Ratio: 3.47 AA 18pt ²	Ratio: 2.99 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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