

Converting Colors - WCAG Matrix

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

Hex(C7A4A6) Hex(FFC9CD) Hex(C7B3A4) Hex(635A5A) Hex(A30009) Hex(240002)

	Hex(C7A4A6)	Hex(FFC9CD)	Hex(C7B3A4)	Hex(635A5A)	Hex(A30009)	Hex(240002)
Hex(C7A4A6)		Ratio: 1.56 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 2.96 Failed ⁵	Ratio: 3.63 AA 18pt ²	Ratio: 8.63 Passed ⁶
Hex(FFC9CD)	Ratio: 1.56 Failed ⁵		Ratio: 1.39 Failed ⁵	Ratio: 4.61 AA ¹ AAA 18pt ⁴	Ratio: 5.66 AA ¹ AAA 18pt ⁴	Ratio: 13.47 Passed ⁶
Hex(C7B3A4)	Ratio: 1.12 Failed ⁵	Ratio: 1.39 Failed ⁵		Ratio: 3.32 AA 18pt ²	Ratio: 4.07 AA 18pt ²	Ratio: 9.68 Passed ⁶
Hex(635A5A)	Ratio: 2.96 Failed ⁵	Ratio: 4.61 AA ¹ AAA 18pt ⁴	Ratio: 3.32 AA 18pt ²		Ratio: 1.23 Failed ⁵	Ratio: 2.92 Failed ⁵
Hex(A30009)	Ratio: 3.63 AA 18pt ²	Ratio: 5.66 AA ¹ AAA 18pt ⁴	Ratio: 4.07 AA 18pt ²	Ratio: 1.23 Failed ⁵		Ratio: 2.38 Failed ⁵
Hex(240002)	Ratio: 8.63 Passed ⁶	Ratio: 13.47 Passed ⁶	Ratio: 9.68 Passed ⁶	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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