

Converting Colors - WCAG Matrix

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

Hex(C5A59E) Hex(FFCDC2) Hex(C5B89E) Hex(635B5A) Hex(A31D00) Hex(240600)

	Hex(C5A59E)	Hex(FFCDC2)	Hex(C5B89E)	Hex(635B5A)	Hex(A31D00)	Hex(240600)
Hex(C5A59E)		Ratio: 1.60 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 2.91 Failed ⁵	Ratio: 3.38 AA 18pt ²	Ratio: 8.40 Passed ⁶
Hex(FFCDC2)	Ratio: 1.60 Failed ⁵		Ratio: 1.38 Failed ⁵	Ratio: 4.65 AA ¹ AAA 18pt ⁴	Ratio: 5.40 AA ¹ AAA 18pt ⁴	Ratio: 13.41 Passed ⁶
Hex(C5B89E)	Ratio: 1.16 Failed ⁵	Ratio: 1.38 Failed ⁵		Ratio: 3.38 AA 18pt ²	Ratio: 3.92 AA 18pt ²	Ratio: 9.74 Passed ⁶
Hex(635B5A)	Ratio: 2.91 Failed ⁵	Ratio: 4.65 AA ¹ AAA 18pt ⁴	Ratio: 3.38 AA 18pt ²		Ratio: 1.16 Failed ⁵	Ratio: 2.88 Failed ⁵
Hex(A31D00)	Ratio: 3.38 AA 18pt ²	Ratio: 5.40 AA ¹ AAA 18pt ⁴	Ratio: 3.92 AA 18pt ²	Ratio: 1.16 Failed ⁵		Ratio: 2.48 Failed ⁵
Hex(240600)	Ratio: 8.40 Passed ⁶	Ratio: 13.41 Passed ⁶	Ratio: 9.74 Passed ⁶	Ratio: 2.88 Failed ⁵	Ratio: 2.48 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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