

Converting Colors - WCAG Matrix

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

Hex(C8B8B2) Hex(FFE7DE) Hex(C8C3B2) Hex(635C5A) Hex(A32D00) Hex(240A00)

	Hex(C8B8B2)	Hex(FFE7DE)	Hex(C8C3B2)	Hex(635C5A)	Hex(A32D00)	Hex(240A00)
Hex(C8B8B2)		Ratio: 1.62 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 3.41 AA 18pt ²	Ratio: 3.74 AA 18pt ²	Ratio: 9.80 Passed ⁶
Hex(FFE7DE)	Ratio: 1.62 Failed ⁵		Ratio: 1.49 Failed ⁵	Ratio: 5.53 AA ¹ AAA 18pt ⁴	Ratio: 6.05 AA ¹ AAA 18pt ⁴	Ratio: 15.86 Passed ⁶
Hex(C8C3B2)	Ratio: 1.09 Failed ⁵	Ratio: 1.49 Failed ⁵		Ratio: 3.71 AA 18pt ²	Ratio: 4.06 AA 18pt ²	Ratio: 10.64 Passed ⁶
Hex(635C5A)	Ratio: 3.41 AA 18pt ²	Ratio: 5.53 AA ¹ AAA 18pt ⁴	Ratio: 3.71 AA 18pt ²		Ratio: 1.09 Failed ⁵	Ratio: 2.87 Failed ⁵
Hex(A32D00)	Ratio: 3.74 AA 18pt ²	Ratio: 6.05 AA ¹ AAA 18pt ⁴	Ratio: 4.06 AA 18pt ²	Ratio: 1.09 Failed ⁵		Ratio: 2.62 Failed ⁵
Hex(240A00)	Ratio: 9.80 Passed ⁶	Ratio: 15.86 Passed ⁶	Ratio: 10.64 Passed ⁶	Ratio: 2.87 Failed ⁵	Ratio: 2.62 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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