

Converting Colors - WCAG Matrix

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

Hex(CBCDB7) Hex(FCFFDE) Hex(C0CDB7) Hex(65665C) Hex(97A600) Hex(232600)

Hex(CBCDB7)		Ratio: 1.58 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 3.59 AA 18pt ²	Ratio: 1.67 Failed ⁵	Ratio: 9.61 Passed ⁶
Hex(FCFFDE)	Ratio: 1.58 Failed ⁵		Ratio: 1.62 Failed ⁵	Ratio: 5.68 AA ¹ AAA 18pt ⁴	Ratio: 2.64 Failed ⁵	Ratio: 15.20 Passed ⁶
Hex(C0CDB7)	Ratio: 1.02 Failed ⁵	Ratio: 1.62 Failed ⁵		Ratio: 3.51 AA 18pt ²	Ratio: 1.63 Failed ⁵	Ratio: 9.38 Passed ⁶
Hex(65665C)	Ratio: 3.59 AA 18pt ²	Ratio: 5.68 AA ¹ AAA 18pt ⁴	Ratio: 3.51 AA 18pt ²		Ratio: 2.15 Failed ⁵	Ratio: 2.68 Failed ⁵
Hex(97A600)	Ratio: 1.67 Failed ⁵	Ratio: 2.64 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 2.15 Failed ⁵		Ratio: 5.76 AA ¹ AAA 18pt ⁴
Hex(232600)	Ratio: 9.61 Passed ⁶	Ratio: 15.20 Passed ⁶	Ratio: 9.38 Passed ⁶	Ratio: 2.68 Failed ⁵	Ratio: 5.76 AA ¹ AAA 18pt ⁴	

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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