

Converting Colors - WCAG Matrix

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

Hex(D1CEB4) Hex(FFFBD4) Hex(C6D1B4) Hex(69675E) Hex(A89700) Hex(292500)

Hex(D1CEB4)		Ratio: 1.52 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 3.56 AA 18pt ²	Ratio: 1.86 Failed ⁵	Ratio: 9.71 Passed ⁶
Hex(FFFBD4)	Ratio: 1.52 Failed ⁵		Ratio: 1.52 Failed ⁵	Ratio: 5.40 AA ¹ AAA 18pt ⁴	Ratio: 2.82 Failed ⁵	Ratio: 14.72 Passed ⁶
Hex(C6D1B4)	Ratio: 1.00 Failed ⁵	Ratio: 1.52 Failed ⁵		Ratio: 3.56 AA 18pt ²	Ratio: 1.86 Failed ⁵	Ratio: 9.70 Passed ⁶
Hex(69675E)	Ratio: 3.56 AA 18pt ²	Ratio: 5.40 AA ¹ AAA 18pt ⁴	Ratio: 3.56 AA 18pt ²		Ratio: 1.92 Failed ⁵	Ratio: 2.72 Failed ⁵
Hex(A89700)	Ratio: 1.86 Failed ⁵	Ratio: 2.82 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 1.92 Failed ⁵		Ratio: 5.22 AA ¹ AAA 18pt ⁴
Hex(292500)	Ratio: 9.71 Passed ⁶	Ratio: 14.72 Passed ⁶	Ratio: 9.70 Passed ⁶	Ratio: 2.72 Failed ⁵	Ratio: 5.22 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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