

Converting Colors - WCAG Matrix

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

Hex(C2C9B3) Hex(F4FFDE) Hex(B7C9B3) Hex(60635A) Hex(6DA300) Hex(182400)

	Hex(C2C9B3)	Hex(F4FFDE)	Hex(B7C9B3)	Hex(60635A)	Hex(6DA300)	Hex(182400)
Hex(C2C9B3)		Ratio: 1.64 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 3.59 AA 18pt ²	Ratio: 1.79 Failed ⁵	Ratio: 9.53 Passed ⁶
Hex(F4FFDE)	Ratio: 1.64 Failed ⁵		Ratio: 1.68 Failed ⁵	Ratio: 5.89 AA ¹ AAA 18pt ⁴	Ratio: 2.93 Failed ⁵	Ratio: 15.65 Passed ⁶
Hex(B7C9B3)	Ratio: 1.02 Failed ⁵	Ratio: 1.68 Failed ⁵		Ratio: 3.50 AA 18pt ²	Ratio: 1.74 Failed ⁵	Ratio: 9.31 Passed ⁶
Hex(60635A)	Ratio: 3.59 AA 18pt ²	Ratio: 5.89 AA ¹ AAA 18pt ⁴	Ratio: 3.50 AA 18pt ²		Ratio: 2.01 Failed ⁵	Ratio: 2.66 Failed ⁵
Hex(6DA300)	Ratio: 1.79 Failed ⁵	Ratio: 2.93 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 2.01 Failed ⁵		Ratio: 5.34 AA ¹ AAA 18pt ⁴
Hex(182400)	Ratio: 9.53 Passed ⁶	Ratio: 15.65 Passed ⁶	Ratio: 9.31 Passed ⁶	Ratio: 2.66 Failed ⁵	Ratio: 5.34 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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