

Converting Colors - WCAG Matrix

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

Hex(D5D3C1) Hex(FFFBE0) Hex(CED5C1) Hex(6B6A60) Hex(AB9500) Hex(2B2600)

	Hex(D5D3C1)	Hex(FFFBE0)	Hex(CED5C1)	Hex(6B6A60)	Hex(AB9500)	Hex(2B2600)
Hex(D5D3C1)		Ratio: 1.45 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 3.61 AA 18pt ²	Ratio: 1.98 Failed ⁵	Ratio: 10.08 Passed ⁶
Hex(FFFBE0)	Ratio: 1.45 Failed ⁵		Ratio: 1.45 Failed ⁵	Ratio: 5.22 AA ¹ AAA 18pt ⁴	Ratio: 2.86 Failed ⁵	Ratio: 14.58 Passed ⁶
Hex(CED5C1)	Ratio: 1.00 Failed ⁵	Ratio: 1.45 Failed ⁵		Ratio: 3.61 AA 18pt ²	Ratio: 1.98 Failed ⁵	Ratio: 10.08 Passed ⁶
Hex(6B6A60)	Ratio: 3.61 AA 18pt ²	Ratio: 5.22 AA ¹ AAA 18pt ⁴	Ratio: 3.61 AA 18pt ²		Ratio: 1.82 Failed ⁵	Ratio: 2.79 Failed ⁵
Hex(AB9500)	Ratio: 1.98 Failed ⁵	Ratio: 2.86 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 1.82 Failed ⁵		Ratio: 5.09 AA ¹ AAA 18pt ⁴
Hex(2B2600)	Ratio: 10.08 Passed ⁶	Ratio: 14.58 Passed ⁶	Ratio: 10.08 Passed ⁶	Ratio: 2.79 Failed ⁵	Ratio: 5.09 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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