

Converting Colors - WCAG Matrix

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

Hex(E2E2C9) Hex(FFFFDE) Hex(D5E2C9) Hex(707065) Hex(B0B000) Hex(303000)

	Hex(E2E2C9)	Hex(FFFFDE)	Hex(D5E2C9)	Hex(707065)	Hex(B0B000)	Hex(303000)
Hex(E2E2C9)		Ratio: 1.29 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 3.80 AA 18pt ²	Ratio: 1.76 Failed ⁵	Ratio: 10.30 Passed ⁶
Hex(FFFFDE)	Ratio: 1.29 Failed ⁵		Ratio: 1.33 Failed ⁵	Ratio: 4.91 AA ¹ AAA 18pt ⁴	Ratio: 2.28 Failed ⁵	Ratio: 13.31 Passed ⁶
Hex(D5E2C9)	Ratio: 1.03 Failed ⁵	Ratio: 1.33 Failed ⁵		Ratio: 3.71 AA 18pt ²	Ratio: 1.72 Failed ⁵	Ratio: 10.04 Passed ⁶
Hex(707065)	Ratio: 3.80 AA 18pt ²	Ratio: 4.91 AA ¹ AAA 18pt ⁴	Ratio: 3.71 AA 18pt ²		Ratio: 2.16 Failed ⁵	Ratio: 2.71 Failed ⁵
Hex(B0B000)	Ratio: 1.76 Failed ⁵	Ratio: 2.28 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 2.16 Failed ⁵		Ratio: 5.85 AA ¹ AAA 18pt ⁴
Hex(303000)	Ratio: 10.30 Passed ⁶	Ratio: 13.31 Passed ⁶	Ratio: 10.04 Passed ⁶	Ratio: 2.71 Failed ⁵	Ratio: 5.85 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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