

Converting Colors - WCAG Matrix

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

Hex(DEE0B4) Hex(FCFFC2) Hex(C9E0B4) Hex(707065) Hex(A8B000) Hex(2E3000)

	Hex(DEE0B4)	Hex(FCFFC2)	Hex(C9E0B4)	Hex(707065)	Hex(A8B000)	Hex(2E3000)
Hex(DEE0B4)		Ratio: 1.31 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 3.68 AA 18pt ²	Ratio: 1.74 Failed ⁵	Ratio: 10.02 Passed ⁶
Hex(FCFFC2)	Ratio: 1.31 Failed ⁵		Ratio: 1.37 Failed ⁵	Ratio: 4.82 AA ¹ AAA 18pt ⁴	Ratio: 2.28 Failed ⁵	Ratio: 13.14 Passed ⁶
Hex(C9E0B4)	Ratio: 1.04 Failed ⁵	Ratio: 1.37 Failed ⁵		Ratio: 3.53 AA 18pt ²	Ratio: 1.67 Failed ⁵	Ratio: 9.62 Passed ⁶
Hex(707065)	Ratio: 3.68 AA 18pt ²	Ratio: 4.82 AA ¹ AAA 18pt ⁴	Ratio: 3.53 AA 18pt ²		Ratio: 2.12 Failed ⁵	Ratio: 2.73 Failed ⁵
Hex(A8B000)	Ratio: 1.74 Failed ⁵	Ratio: 2.28 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 2.12 Failed ⁵		Ratio: 5.77 AA ¹ AAA 18pt ⁴
Hex(2E3000)	Ratio: 10.02 Passed ⁶	Ratio: 13.14 Passed ⁶	Ratio: 9.62 Passed ⁶	Ratio: 2.73 Failed ⁵	Ratio: 5.77 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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