

Converting Colors - WCAG Matrix

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

Hex(D0E86A) Hex(F7FFD6) Hex(E8816A) Hex(7B8067) Hex(000000) Hex(808080)

	Hex(D0E86A)	Hex(F7FFD6)	Hex(E8816A)	Hex(7B8067)	Hex(000000)	Hex(808080)
Hex(D0E86A)		Ratio: 1.31 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 3.01 AA 18pt ²	Ratio: 15.43 Passed ⁶	Ratio: 2.90 Failed ⁵
Hex(F7FFD6)	Ratio: 1.31 Failed ⁵		Ratio: 2.60 Failed ⁵	Ratio: 3.95 AA 18pt ²	Ratio: 20.23 Passed ⁶	Ratio: 3.80 AA 18pt ²
Hex(E8816A)	Ratio: 1.98 Failed ⁵	Ratio: 2.60 Failed ⁵		Ratio: 1.52 Failed ⁵	Ratio: 7.78 Passed ⁶	Ratio: 1.46 Failed ⁵
Hex(7B8067)	Ratio: 3.01 AA 18pt ²	Ratio: 3.95 AA 18pt ²	Ratio: 1.52 Failed ⁵		Ratio: 5.13 AA ¹ AAA 18pt ⁴	Ratio: 1.04 Failed ⁵
Hex(000000)	Ratio: 15.43 Passed ⁶	Ratio: 20.23 Passed ⁶	Ratio: 7.78 Passed ⁶	Ratio: 5.13 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 2.90 Failed ⁵	Ratio: 3.80 AA 18pt ²	Ratio: 1.46 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 5.32 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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