

Converting Colors - WCAG Matrix

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

Hex(D3E8B1) Hex(F8FFED) Hex(E8C5B1) Hex(7C8075) Hex(000000) Hex(808080)

	Hex(D3E8B1)	Hex(F8FFED)	Hex(E8C5B1)	Hex(7C8075)	Hex(000000)	Hex(808080)
Hex(D3E8B1)		Ratio: 1.29 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 3.07 AA 18pt ²	Ratio: 15.95 Passed ⁶	Ratio: 3.00 AA 18pt ²
Hex(F8FFED)	Ratio: 1.29 Failed ⁵		Ratio: 1.57 Failed ⁵	Ratio: 3.94 AA 18pt ²	Ratio: 20.52 Passed ⁶	Ratio: 3.86 AA 18pt ²
Hex(E8C5B1)	Ratio: 1.22 Failed ⁵	Ratio: 1.57 Failed ⁵		Ratio: 2.51 Failed ⁵	Ratio: 13.05 Passed ⁶	Ratio: 2.45 Failed ⁵
Hex(7C8075)	Ratio: 3.07 AA 18pt ²	Ratio: 3.94 AA 18pt ²	Ratio: 2.51 Failed ⁵		Ratio: 5.20 AA ¹ AAA 18pt ⁴	Ratio: 1.02 Failed ⁵
Hex(000000)	Ratio: 15.95 Passed ⁶	Ratio: 20.52 Passed ⁶	Ratio: 13.05 Passed ⁶	Ratio: 5.20 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 3.00 AA 18pt ²	Ratio: 3.86 AA 18pt ²	Ratio: 2.45 Failed ⁵	Ratio: 1.02 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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