

Converting Colors - WCAG Matrix

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

Hex(C1E6B0) Hex(F3FFED) Hex(E6D5B0) Hex(798075) Hex(000000) Hex(808080)

	Hex(C1E6B0)	Hex(F3FFED)	Hex(E6D5B0)	Hex(798075)	Hex(000000)	Hex(808080)
Hex(C1E6B0)		Ratio: 1.34 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 2.95 Failed ⁵	Ratio: 15.21 Passed ⁶	Ratio: 2.86 Failed ⁵
Hex(F3FFED)	Ratio: 1.34 Failed ⁵		Ratio: 1.40 Failed ⁵	Ratio: 3.94 AA 18pt ²	Ratio: 20.34 Passed ⁶	Ratio: 3.82 AA 18pt ²
Hex(E6D5B0)	Ratio: 1.05 Failed ⁵	Ratio: 1.40 Failed ⁵		Ratio: 2.81 Failed ⁵	Ratio: 14.51 Passed ⁶	Ratio: 2.73 Failed ⁵
Hex(798075)	Ratio: 2.95 Failed ⁵	Ratio: 3.94 AA 18pt ²	Ratio: 2.81 Failed ⁵		Ratio: 5.16 AA ¹ AAA 18pt ⁴	Ratio: 1.03 Failed ⁵
Hex(000000)	Ratio: 15.21 Passed ⁶	Ratio: 20.34 Passed ⁶	Ratio: 14.51 Passed ⁶	Ratio: 5.16 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 2.86 Failed ⁵	Ratio: 3.82 AA 18pt ²	Ratio: 2.73 Failed ⁵	Ratio: 1.03 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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