

Converting Colors - WCAG Matrix

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

Hex(C3EEA9) Hex(F1FFE8) Hex(EED4A9) Hex(778071) Hex(FFFFFF) Hex(808080)

	Hex(C3EEA9)	Hex(F1FFE8)	Hex(EED4A9)	Hex(778071)	Hex(FFFFFF)	Hex(808080)
Hex(C3EEA9)		Ratio: 1.25 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 3.15 AA 18pt ²	Ratio: 1.30 Failed ⁵	Ratio: 3.03 AA 18pt ²
Hex(F1FFE8)	Ratio: 1.25 Failed ⁵		Ratio: 1.38 Failed ⁵	Ratio: 3.95 AA 18pt ²	Ratio: 1.04 Failed ⁵	Ratio: 3.80 AA 18pt ²
Hex(EED4A9)	Ratio: 1.10 Failed ⁵	Ratio: 1.38 Failed ⁵		Ratio: 2.86 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 2.75 Failed ⁵
Hex(778071)	Ratio: 3.15 AA 18pt ²	Ratio: 3.95 AA 18pt ²	Ratio: 2.86 Failed ⁵		Ratio: 4.11 AA 18pt ²	Ratio: 1.04 Failed ⁵
Hex(FFFFFF)	Ratio: 1.30 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 4.11 AA 18pt ²		Ratio: 3.95 AA 18pt ²
Hex(808080)	Ratio: 3.03 AA 18pt ²	Ratio: 3.80 AA 18pt ²	Ratio: 2.75 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 3.95 AA 18pt ²	

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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