

Converting Colors - WCAG Matrix

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

Hex(98C496) Hex(EEFFED) Hex(C4C196) Hex(768075) Hex(FFFFFF) Hex(808080)

	Hex(98C496)	Hex(EEFFED)	Hex(C4C196)	Hex(768075)	Hex(FFFFFF)	Hex(808080)
Hex(98C496)		Ratio: 1.89 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 2.01 Failed ⁵
Hex(EEFFED)	Ratio: 1.89 Failed ⁵		Ratio: 1.77 Failed ⁵	Ratio: 3.94 AA 18pt ²	Ratio: 1.04 Failed ⁵	Ratio: 3.79 AA 18pt ²
Hex(C4C196)	Ratio: 1.07 Failed ⁵	Ratio: 1.77 Failed ⁵		Ratio: 2.23 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 2.15 Failed ⁵
Hex(768075)	Ratio: 2.09 Failed ⁵	Ratio: 3.94 AA 18pt ²	Ratio: 2.23 Failed ⁵		Ratio: 4.11 AA 18pt ²	Ratio: 1.04 Failed ⁵
Hex(FFFFFF)	Ratio: 1.97 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 4.11 AA 18pt ²		Ratio: 3.95 AA 18pt ²
Hex(808080)	Ratio: 2.01 Failed ⁵	Ratio: 3.79 AA 18pt ²	Ratio: 2.15 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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