

Converting Colors - WCAG Matrix

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

Hex(798C80) Hex(FFFFFF) Hex(ADC2B5) Hex(C8DED0) Hex(E5FAEC)

Hex(798C80)		Ratio: 3.57 AA 18pt ²	Ratio: 1.90 Failed ⁵	Ratio: 2.52 Failed ⁵	Ratio: 3.27 AA 18pt ²
Hex(FFFFFF)	Ratio: 3.57 AA 18pt ²		Ratio: 1.88 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.09 Failed ⁵
Hex(ADC2B5)	Ratio: 1.90 Failed ⁵	Ratio: 1.88 Failed ⁵		Ratio: 1.33 Failed ⁵	Ratio: 1.72 Failed ⁵
Hex(C8DED0)	Ratio: 2.52 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.33 Failed ⁵		Ratio: 1.30 Failed ⁵
Hex(E5FAEC)	Ratio: 3.27 AA 18pt ²	Ratio: 1.09 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.30 Failed ⁵	

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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