

Converting Colors - WCAG Matrix

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

Hex(787B77) Hex(FFFFFF) Hex(ACAFAB) Hex(C8CBC6) Hex(E4E7E2)

Hex(787B77)		Ratio: 4.29 AA 18pt²	Ratio: 1.93 Failed⁵	Ratio: 2.62 Failed⁵	Ratio: 3.44 AA 18pt²
Hex(FFFFFF)	Ratio: 4.29 AA 18pt²		Ratio: 2.22 Failed⁵	Ratio: 1.64 Failed⁵	Ratio: 1.25 Failed⁵
Hex(ACAFAB)	Ratio: 1.93 Failed⁵	Ratio: 2.22 Failed⁵		Ratio: 1.35 Failed⁵	Ratio: 1.78 Failed⁵
Hex(C8CBC6)	Ratio: 2.62 Failed⁵	Ratio: 1.64 Failed⁵	Ratio: 1.35 Failed⁵		Ratio: 1.31 Failed⁵
Hex(E4E7E2)	Ratio: 3.44 AA 18pt²	Ratio: 1.25 Failed⁵	Ratio: 1.78 Failed⁵	Ratio: 1.31 Failed⁵	

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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