

Converting Colors - WCAG Matrix

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

Hex(78807E) Hex(FFFFFF) Hex(ACB4B2) Hex(C7D0CE) Hex(E3ECEA)

Hex(78807E)		Ratio: 4.05 AA 18pt ²	Ratio: 1.91 Failed ⁵	Ratio: 2.57 Failed ⁵	Ratio: 3.36 AA 18pt ²
Hex(FFFFFF)	Ratio: 4.05 AA 18pt ²		Ratio: 2.12 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.20 Failed ⁵
Hex(ACB4B2)	Ratio: 1.91 Failed ⁵	Ratio: 2.12 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 1.76 Failed ⁵
Hex(C7D0CE)	Ratio: 2.57 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 1.31 Failed ⁵
Hex(E3ECEA)	Ratio: 3.36 AA 18pt ²	Ratio: 1.20 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.31 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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