

Converting Colors - WCAG Matrix

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

Hex(717D78) Hex(FFFFFF) Hex(A5B2AC) Hex(C0CDC8) Hex(DCE9E4) Hex(F8FFFF)

	Hex(717D78)	Hex(FFFFFF)	Hex(A5B2AC)	Hex(C0CDC8)	Hex(DCE9E4)	Hex(F8FFFF)
Hex(717D78)		Ratio: 4.28 AA 18pt ²	Ratio: 1.95 Failed ⁵	Ratio: 2.61 Failed ⁵	Ratio: 3.43 AA 18pt ²	Ratio: 4.23 AA 18pt ²
Hex(FFFFFF)	Ratio: 4.28 AA 18pt ²		Ratio: 2.20 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.01 Failed ⁵
Hex(A5B2AC)	Ratio: 1.95 Failed ⁵	Ratio: 2.20 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 2.17 Failed ⁵
Hex(C0CDC8)	Ratio: 2.61 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 1.62 Failed ⁵
Hex(DCE9E4)	Ratio: 3.43 AA 18pt ²	Ratio: 1.25 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 1.23 Failed ⁵
Hex(F8FFFF)	Ratio: 4.23 AA 18pt ²	Ratio: 1.01 Failed ⁵	Ratio: 2.17 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.23 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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