

Converting Colors - WCAG Matrix

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

Hex(76817C) Hex(FFFFFF) Hex(AAB6B0) Hex(C6D2CB) Hex(E2EEE8) Hex(FEFFFF)

	Hex(76817C)	Hex(FFFFFF)	Hex(AAB6B0)	Hex(C6D2CB)	Hex(E2EEE8)	Hex(FEFFFF)
Hex(76817C)		Ratio: 4.04 AA 18pt²	Ratio: 1.93 Failed⁵	Ratio: 2.59 Failed⁵	Ratio: 3.39 AA 18pt²	Ratio: 4.03 AA 18pt²
Hex(FFFFFF)	Ratio: 4.04 AA 18pt²		Ratio: 2.09 Failed⁵	Ratio: 1.56 Failed⁵	Ratio: 1.19 Failed⁵	Ratio: 1.00 Failed⁵
Hex(AAB6B0)	Ratio: 1.93 Failed⁵	Ratio: 2.09 Failed⁵		Ratio: 1.34 Failed⁵	Ratio: 1.76 Failed⁵	Ratio: 2.09 Failed⁵
Hex(C6D2CB)	Ratio: 2.59 Failed⁵	Ratio: 1.56 Failed⁵	Ratio: 1.34 Failed⁵		Ratio: 1.31 Failed⁵	Ratio: 1.55 Failed⁵
Hex(E2EEE8)	Ratio: 3.39 AA 18pt²	Ratio: 1.19 Failed⁵	Ratio: 1.76 Failed⁵	Ratio: 1.31 Failed⁵		Ratio: 1.19 Failed⁵
Hex(FEFFFF)	Ratio: 4.03 AA 18pt²	Ratio: 1.00 Failed⁵	Ratio: 2.09 Failed⁵	Ratio: 1.55 Failed⁵	Ratio: 1.19 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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