

Converting Colors - WCAG Matrix

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

	Hex(617E7C)	Hex(7A9894)	Hex(94B3B1)	Hex(AFCECC)	Hex(CBEAE8)	Hex(E7FFFF)	Hex(FFFFFF)
Hex(617E7C)		Ratio: 1.41 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 2.62 Failed ⁵	Ratio: 3.44 AA 18pt ²	Ratio: 4.21 AA 18pt ²	Ratio: 4.39 AA 18pt ²
Hex(7A9894)	Ratio: 1.41 Failed ⁵		Ratio: 1.38 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 2.44 Failed ⁵	Ratio: 2.99 Failed ⁵	Ratio: 3.11 AA 18pt ²
Hex(94B3B1)	Ratio: 1.95 Failed ⁵	Ratio: 1.38 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 2.16 Failed ⁵	Ratio: 2.25 Failed ⁵
Hex(AFCECC)	Ratio: 2.62 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.68 Failed ⁵
Hex(CBEAE8)	Ratio: 3.44 AA 18pt ²	Ratio: 2.44 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.27 Failed ⁵
Hex(E7FFFF)	Ratio: 4.21 AA 18pt ²	Ratio: 2.99 Failed ⁵	Ratio: 2.16 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.04 Failed ⁵
Hex(FFFFFF)	Ratio: 4.39 AA 18pt ²	Ratio: 3.11 AA 18pt ²	Ratio: 2.25 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.04 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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