

Converting Colors - WCAG Matrix

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

Hex(95A8AC) Hex(BCDAE0) Hex(959DAC) Hex(4E5557) Hex(007C96) Hex(001317)

	Hex(95A8AC)	Hex(BCDAE0)	Hex(959DAC)	Hex(4E5557)	Hex(007C96)	Hex(001317)
Hex(95A8AC)		Ratio: 1.68 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 3.07 AA 18pt ²	Ratio: 1.96 Failed ⁵	Ratio: 7.67 Passed ⁶
Hex(BCDAE0)	Ratio: 1.68 Failed ⁵		Ratio: 1.85 Failed ⁵	Ratio: 5.16 AA ¹ AAA 18pt ⁴	Ratio: 3.29 AA 18pt ²	Ratio: 12.88 Passed ⁶
Hex(959DAC)	Ratio: 1.10 Failed ⁵	Ratio: 1.85 Failed ⁵		Ratio: 2.79 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 6.96 AA ¹ AAA 18pt ⁴
Hex(4E5557)	Ratio: 3.07 AA 18pt ²	Ratio: 5.16 AA ¹ AAA 18pt ⁴	Ratio: 2.79 Failed ⁵		Ratio: 1.57 Failed ⁵	Ratio: 2.50 Failed ⁵
Hex(007C96)	Ratio: 1.96 Failed ⁵	Ratio: 3.29 AA 18pt ²	Ratio: 1.78 Failed ⁵	Ratio: 1.57 Failed ⁵		Ratio: 3.91 AA 18pt ²
Hex(001317)	Ratio: 7.67 Passed ⁶	Ratio: 12.88 Passed ⁶	Ratio: 6.96 AA ¹ AAA 18pt ⁴	Ratio: 2.50 Failed ⁵	Ratio: 3.91 AA 18pt ²	

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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