

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(87A9AF) Hex(A6DAE3) Hex(8796AF) Hex(4E5557) Hex(008096) Hex(001417)

Hex(87A9AF)		Ratio: 1.65 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 3.01 AA 18pt ²	Ratio: 1.84 Failed ⁵	Ratio: 7.48 Passed ⁶
Hex(A6DAE3)	Ratio: 1.65 Failed ⁵		Ratio: 1.96 Failed ⁵	Ratio: 4.98 AA ¹ AAA 18pt ⁴	Ratio: 3.04 AA 18pt ²	Ratio: 12.37 Passed ⁶
Hex(8796AF)	Ratio: 1.19 Failed ⁵	Ratio: 1.96 Failed ⁵		Ratio: 2.54 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 6.30 AA ¹ AAA 18pt ⁴
Hex(4E5557)	Ratio: 3.01 AA 18pt ²	Ratio: 4.98 AA ¹ AAA 18pt ⁴	Ratio: 2.54 Failed ⁵		Ratio: 1.64 Failed ⁵	Ratio: 2.48 Failed ⁵
Hex(008096)	Ratio: 1.84 Failed ⁵	Ratio: 3.04 AA 18pt ²	Ratio: 1.55 Failed ⁵	Ratio: 1.64 Failed ⁵		Ratio: 4.07 AA 18pt ²
Hex(001417)	Ratio: 7.48 Passed ⁶	Ratio: 12.37 Passed ⁶	Ratio: 6.30 AA ¹ AAA 18pt ⁴	Ratio: 2.48 Failed ⁵	Ratio: 4.07 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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