

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(6C8F95) Hex(82B8C2) Hex(6C7A95) Hex(43494A) Hex(00748A) Hex(00090A)

Hex(6C8F95)		Ratio: 1.60 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 2.62 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 5.75 AA ¹ AAA 18pt ⁴
Hex(82B8C2)	Ratio: 1.60 Failed ⁵		Ratio: 1.97 Failed ⁵	Ratio: 4.18 AA 18pt ²	Ratio: 2.48 Failed ⁵	Ratio: 9.19 Passed ⁶
Hex(6C7A95)	Ratio: 1.24 Failed ⁵	Ratio: 1.97 Failed ⁵		Ratio: 2.12 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 4.65 AA ¹ AAA 18pt ⁴
Hex(43494A)	Ratio: 2.62 Failed ⁵	Ratio: 4.18 AA 18pt ²	Ratio: 2.12 Failed ⁵		Ratio: 1.69 Failed ⁵	Ratio: 2.20 Failed ⁵
Hex(00748A)	Ratio: 1.55 Failed ⁵	Ratio: 2.48 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.69 Failed ⁵		Ratio: 3.70 AA 18pt ²
Hex(00090A)	Ratio: 5.75 AA ¹ AAA 18pt ⁴	Ratio: 9.19 Passed ⁶	Ratio: 4.65 AA ¹ AAA 18pt ⁴	Ratio: 2.20 Failed ⁵	Ratio: 3.70 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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