

Converting Colors - WCAG Matrix

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

Hex(788C91) Hex(94B5BD) Hex(788091) Hex(42474A) Hex(006E8A) Hex(00080A)

Hex(788C91)		Ratio: 1.61 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 2.67 Failed ⁵	Ratio: 1.66 Failed ⁵
Hex(94B5BD)	Ratio: 1.61 Failed ⁵		Ratio: 1.81 Failed ⁵	Ratio: 4.30 AA 18pt ²	Ratio: 2.67 Failed ⁵
Hex(788091)	Ratio: 1.13 Failed ⁵	Ratio: 1.81 Failed ⁵		Ratio: 2.37 Failed ⁵	Ratio: 1.47 Failed ⁵
Hex(42474A)	Ratio: 2.67 Failed ⁵	Ratio: 4.30 AA 18pt ²	Ratio: 2.37 Failed ⁵		Ratio: 1.61 Failed ⁵
Hex(006E8A)	Ratio: 1.66 Failed ⁵	Ratio: 2.67 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.61 Failed ⁵	
Hex(00080A)	Ratio: 5.73 AA ¹ AAA 18pt ⁴	Ratio: 9.24 Passed ⁶	Ratio: 5.10 AA ¹ AAA 18pt ⁴	Ratio: 2.15 Failed ⁵	Ratio: 3.46 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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