

Converting Colors - WCAG Matrix

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

Hex(808D93) Hex(A3B7BF) Hex(808493) Hex(43484A) Hex(00608A) Hex(00070A)

	Hex(808D93)	Hex(A3B7BF)	Hex(808493)	Hex(43484A)	Hex(00608A)	Hex(00070A)
Hex(808D93)		Ratio: 1.64 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 2.72 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 5.94 AA ¹ AAA 18pt ⁴
Hex(A3B7BF)	Ratio: 1.64 Failed ⁵		Ratio: 1.79 Failed ⁵	Ratio: 4.45 AA 18pt ²	Ratio: 3.32 AA 18pt ²	Ratio: 9.74 Passed ⁶
Hex(808493)	Ratio: 1.09 Failed ⁵	Ratio: 1.79 Failed ⁵		Ratio: 2.49 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 5.45 AA ¹ AAA 18pt ⁴
Hex(43484A)	Ratio: 2.72 Failed ⁵	Ratio: 4.45 AA 18pt ²	Ratio: 2.49 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 2.19 Failed ⁵
Hex(00608A)	Ratio: 2.02 Failed ⁵	Ratio: 3.32 AA 18pt ²	Ratio: 1.86 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 2.94 Failed ⁵
Hex(00070A)	Ratio: 5.94 AA ¹ AAA 18pt ⁴	Ratio: 9.74 Passed ⁶	Ratio: 5.45 AA ¹ AAA 18pt ⁴	Ratio: 2.19 Failed ⁵	Ratio: 2.94 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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