

Converting Colors - WCAG Matrix

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

Hex(789396) Hex(93BDC2) Hex(788496) Hex(43494A) Hex(007C8A) Hex(00090A)

Hex(789396)		Ratio: 1.61 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 2.80 Failed ⁵	Ratio: 1.51 Failed ⁵ Ratio: 6.15 AA ¹ AAA 18pt ⁴
Hex(93BDC2)	Ratio: 1.61 Failed ⁵		Ratio: 1.86 Failed ⁵	Ratio: 4.50 AA ¹ AAA 18pt ⁴	Ratio: 2.42 Failed ⁵ Ratio: 9.87 Passed ⁶
Hex(788496)	Ratio: 1.16 Failed ⁵	Ratio: 1.86 Failed ⁵		Ratio: 2.42 Failed ⁵	Ratio: 1.30 Failed ⁵ Ratio: 5.31 AA ¹ AAA 18pt ⁴
Hex(43494A)	Ratio: 2.80 Failed ⁵	Ratio: 4.50 AA ¹ AAA 18pt ⁴	Ratio: 2.42 Failed ⁵		Ratio: 1.86 Failed ⁵ Ratio: 2.20 Failed ⁵
Hex(007C8A)	Ratio: 1.51 Failed ⁵	Ratio: 2.42 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 4.07 AA 18pt ²
Hex(00090A)	Ratio: 6.15 AA ¹ AAA 18pt ⁴	Ratio: 9.87 Passed ⁶	Ratio: 5.31 AA ¹ AAA 18pt ⁴	Ratio: 2.20 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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