

Converting Colors - WCAG Matrix

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

Hex(7B9599) Hex(97C1C7) Hex(7B8699) Hex(454C4D) Hex(007C8C) Hex(00B0D)

	Hex(7B9599)	Hex(97C1C7)	Hex(7B8699)	Hex(454C4D)	Hex(007C8C)	Hex(00B0D)
Hex(7B9599)		Ratio: 1.63 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 2.76 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 6.27 AA ¹ AAA 18pt ⁴
Hex(97C1C7)	Ratio: 1.63 Failed ⁵		Ratio: 1.89 Failed ⁵	Ratio: 4.50 AA ¹ AAA 18pt ⁴	Ratio: 2.53 Failed ⁵	Ratio: 10.22 Passed ⁶
Hex(7B8699)	Ratio: 1.16 Failed ⁵	Ratio: 1.89 Failed ⁵		Ratio: 2.39 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 5.42 AA ¹ AAA 18pt ⁴
Hex(454C4D)	Ratio: 2.76 Failed ⁵	Ratio: 4.50 AA ¹ AAA 18pt ⁴	Ratio: 2.39 Failed ⁵		Ratio: 1.78 Failed ⁵	Ratio: 2.27 Failed ⁵
Hex(007C8C)	Ratio: 1.55 Failed ⁵	Ratio: 2.53 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.78 Failed ⁵		Ratio: 4.04 AA 18pt ²
Hex(00B0D)	Ratio: 6.27 AA ¹ AAA 18pt ⁴	Ratio: 10.22 Passed ⁶	Ratio: 5.42 AA ¹ AAA 18pt ⁴	Ratio: 2.27 Failed ⁵	Ratio: 4.04 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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