

Converting Colors - WCAG Matrix

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

Hex(737F80) Hex(92A5A6) Hex(737880) Hex(393F40) Hex(007880) Hex(000000)

	Hex(737F80)	Hex(92A5A6)	Hex(737880)	Hex(393F40)	Hex(007880)	Hex(000000)
Hex(737F80)		Ratio: 1.61 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 2.59 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 5.08 AA ¹ AAA 18pt ⁴
Hex(92A5A6)	Ratio: 1.61 Failed ⁵		Ratio: 1.73 Failed ⁵	Ratio: 4.16 AA 18pt ²	Ratio: 2.04 Failed ⁵	Ratio: 8.15 Passed ⁶
Hex(737880)	Ratio: 1.07 Failed ⁵	Ratio: 1.73 Failed ⁵		Ratio: 2.41 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 4.73 AA ¹ AAA 18pt ⁴
Hex(393F40)	Ratio: 2.59 Failed ⁵	Ratio: 4.16 AA 18pt ²	Ratio: 2.41 Failed ⁵		Ratio: 2.04 Failed ⁵	Ratio: 1.96 Failed ⁵
Hex(007880)	Ratio: 1.27 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 2.04 Failed ⁵		Ratio: 4.00 AA 18pt ²
Hex(000000)	Ratio: 5.08 AA ¹ AAA 18pt ⁴	Ratio: 8.15 Passed ⁶	Ratio: 4.73 AA ¹ AAA 18pt ⁴	Ratio: 1.96 Failed ⁵	Ratio: 4.00 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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