

Converting Colors - WCAG Matrix

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

Hex(6F7A80) Hex(8B9CA6) Hex(6F7280) Hex(393E40) Hex(005380) Hex(000000)

	Hex(6F7A80)	Hex(8B9CA6)	Hex(6F7280)	Hex(393E40)	Hex(005380)	Hex(000000)
Hex(6F7A80)		Ratio: 1.55 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 2.46 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 4.77 AA ¹ AAA 18pt ⁴
Hex(8B9CA6)	Ratio: 1.55 Failed ⁵		Ratio: 1.68 Failed ⁵	Ratio: 3.82 AA 18pt ²	Ratio: 2.90 Failed ⁵	Ratio: 7.40 Passed ⁶
Hex(6F7280)	Ratio: 1.09 Failed ⁵	Ratio: 1.68 Failed ⁵		Ratio: 2.27 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 4.39 AA 18pt ²
Hex(393E40)	Ratio: 2.46 Failed ⁵	Ratio: 3.82 AA 18pt ²	Ratio: 2.27 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 1.94 Failed ⁵
Hex(005380)	Ratio: 1.87 Failed ⁵	Ratio: 2.90 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 2.55 Failed ⁵
Hex(000000)	Ratio: 4.77 AA ¹ AAA 18pt ⁴	Ratio: 7.40 Passed ⁶	Ratio: 4.39 AA 18pt ²	Ratio: 1.94 Failed ⁵	Ratio: 2.55 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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