

Converting Colors - WCAG Matrix

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

Hex(6B959E) Hex(7EBFCF) Hex(6B7B9E) Hex(474F4F) Hex(00748F) Hex(000D0F)

	Hex(6B959E)	Hex(7EBFCF)	Hex(6B7B9E)	Hex(474F4F)	Hex(00748F)	Hex(000D0F)
Hex(6B959E)		Ratio: 1.60 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 2.57 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 6.03 AA ¹ AAA 18pt ⁴
Hex(7EBFCF)	Ratio: 1.60 Failed ⁵		Ratio: 2.07 Failed ⁵	Ratio: 4.10 AA 18pt ²	Ratio: 2.63 Failed ⁵	Ratio: 9.62 Passed ⁶
Hex(6B7B9E)	Ratio: 1.30 Failed ⁵	Ratio: 2.07 Failed ⁵		Ratio: 1.98 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 4.65 AA ¹ AAA 18pt ⁴
Hex(474F4F)	Ratio: 2.57 Failed ⁵	Ratio: 4.10 AA 18pt ²	Ratio: 1.98 Failed ⁵		Ratio: 1.56 Failed ⁵	Ratio: 2.35 Failed ⁵
Hex(00748F)	Ratio: 1.65 Failed ⁵	Ratio: 2.63 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.56 Failed ⁵		Ratio: 3.66 AA 18pt ²
Hex(000D0F)	Ratio: 6.03 AA ¹ AAA 18pt ⁴	Ratio: 9.62 Passed ⁶	Ratio: 4.65 AA ¹ AAA 18pt ⁴	Ratio: 2.35 Failed ⁵	Ratio: 3.66 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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