

Converting Colors - WCAG Matrix

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

Hex(6B9099) Hex(7FB9C7) Hex(6B7A99) Hex(454B4D) Hex(00718C) Hex(000A0D)

	Hex(6B9099)	Hex(7FB9C7)	Hex(6B7A99)	Hex(454B4D)	Hex(00718C)	Hex(000A0D)
Hex(6B9099)		Ratio: 1.59 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 2.57 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 5.79 AA ¹ AAA 18pt ⁴
Hex(7FB9C7)	Ratio: 1.59 Failed ⁵		Ratio: 1.99 Failed ⁵	Ratio: 4.08 AA 18pt ²	Ratio: 2.58 Failed ⁵	Ratio: 9.21 Passed ⁶
Hex(6B7A99)	Ratio: 1.25 Failed ⁵	Ratio: 1.99 Failed ⁵		Ratio: 2.06 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 4.64 AA ¹ AAA 18pt ⁴
Hex(454B4D)	Ratio: 2.57 Failed ⁵	Ratio: 4.08 AA 18pt ²	Ratio: 2.06 Failed ⁵		Ratio: 1.58 Failed ⁵	Ratio: 2.26 Failed ⁵
Hex(00718C)	Ratio: 1.62 Failed ⁵	Ratio: 2.58 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.58 Failed ⁵		Ratio: 3.57 AA 18pt ²
Hex(000A0D)	Ratio: 5.79 AA ¹ AAA 18pt ⁴	Ratio: 9.21 Passed ⁶	Ratio: 4.64 AA ¹ AAA 18pt ⁴	Ratio: 2.26 Failed ⁵	Ratio: 3.57 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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