

Converting Colors - WCAG Matrix

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

Hex(7B9096) Hex(99BBC4) Hex(7B8396) Hex(454B4D) Hex(006D8C) Hex(000A0D)

	Hex(7B9096)	Hex(99BBC4)	Hex(7B8396)	Hex(454B4D)	Hex(006D8C)	Hex(000A0D)
Hex(7B9096)		Ratio: 1.64 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 2.65 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 5.98 AA ¹ AAA 18pt ⁴
Hex(99BBC4)	Ratio: 1.64 Failed ⁵		Ratio: 1.86 Failed ⁵	Ratio: 4.34 AA 18pt ²	Ratio: 2.88 Failed ⁵	Ratio: 9.78 Passed ⁶
Hex(7B8396)	Ratio: 1.13 Failed ⁵	Ratio: 1.86 Failed ⁵		Ratio: 2.34 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 5.27 AA ¹ AAA 18pt ⁴
Hex(454B4D)	Ratio: 2.65 Failed ⁵	Ratio: 4.34 AA 18pt ²	Ratio: 2.34 Failed ⁵		Ratio: 1.51 Failed ⁵	Ratio: 2.26 Failed ⁵
Hex(006D8C)	Ratio: 1.76 Failed ⁵	Ratio: 2.88 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.51 Failed ⁵		Ratio: 3.40 AA 18pt ²
Hex(000A0D)	Ratio: 5.98 AA ¹ AAA 18pt ⁴	Ratio: 9.78 Passed ⁶	Ratio: 5.27 AA ¹ AAA 18pt ⁴	Ratio: 2.26 Failed ⁵	Ratio: 3.40 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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