

Converting Colors - WCAG Matrix

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

Hex(8C9E9C) Hex(B2CFCB) Hex(8C979E) Hex(474F4E) Hex(008F7F) Hex(000F0E)

	Hex(8C9E9C)	Hex(B2CFCB)	Hex(8C979E)	Hex(474F4E)	Hex(008F7F)	Hex(000F0E)
Hex(8C9E9C)		Ratio: 1.69 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 3.00 AA 18pt ²	Ratio: 1.43 Failed ⁵	Ratio: 6.97 AA ¹ AAA 18pt ⁴
Hex(B2CFCB)	Ratio: 1.69 Failed ⁵		Ratio: 1.80 Failed ⁵	Ratio: 5.08 AA ¹ AAA 18pt ⁴	Ratio: 2.42 Failed ⁵	Ratio: 11.80 Passed ⁶
Hex(8C979E)	Ratio: 1.06 Failed ⁵	Ratio: 1.80 Failed ⁵		Ratio: 2.82 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 6.55 AA ¹ AAA 18pt ⁴
Hex(474F4E)	Ratio: 3.00 AA 18pt ²	Ratio: 5.08 AA ¹ AAA 18pt ⁴	Ratio: 2.82 Failed ⁵		Ratio: 2.10 Failed ⁵	Ratio: 2.32 Failed ⁵
Hex(008F7F)	Ratio: 1.43 Failed ⁵	Ratio: 2.42 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 2.10 Failed ⁵		Ratio: 4.87 AA ¹ AAA 18pt ⁴
Hex(000F0E)	Ratio: 6.97 AA ¹ AAA 18pt ⁴	Ratio: 11.80 Passed ⁶	Ratio: 6.55 AA ¹ AAA 18pt ⁴	Ratio: 2.32 Failed ⁵	Ratio: 4.87 AA ¹ AAA 18pt ⁴	

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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