

Converting Colors - WCAG Matrix

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

Hex(7EB2AC) Hex(97E8DF) Hex(7E9EB2) Hex(505958) Hex(009987) Hex(001A17)

	Hex(7EB2AC)	Hex(97E8DF)	Hex(7E9EB2)	Hex(505958)	Hex(009987)	Hex(001A17)
Hex(7EB2AC)		Ratio: 1.69 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 3.04 AA 18pt ²	Ratio: 1.50 Failed ⁵	Ratio: 7.63 Passed ⁶
Hex(97E8DF)	Ratio: 1.69 Failed ⁵		Ratio: 2.01 Failed ⁵	Ratio: 5.13 AA ¹ AAA 18pt ⁴	Ratio: 2.53 Failed ⁵	Ratio: 12.86 Passed ⁶
Hex(7E9EB2)	Ratio: 1.19 Failed ⁵	Ratio: 2.01 Failed ⁵		Ratio: 2.55 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 6.40 AA ¹ AAA 18pt ⁴
Hex(505958)	Ratio: 3.04 AA 18pt ²	Ratio: 5.13 AA ¹ AAA 18pt ⁴	Ratio: 2.55 Failed ⁵		Ratio: 2.03 Failed ⁵	Ratio: 2.51 Failed ⁵
Hex(009987)	Ratio: 1.50 Failed ⁵	Ratio: 2.53 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 2.03 Failed ⁵		Ratio: 5.09 AA ¹ AAA 18pt ⁴
Hex(001A17)	Ratio: 7.63 Passed ⁶	Ratio: 12.86 Passed ⁶	Ratio: 6.40 AA ¹ AAA 18pt ⁴	Ratio: 2.51 Failed ⁵	Ratio: 5.09 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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