

Converting Colors - WCAG Matrix

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

Hex(198D95) Hex(00B5C2) Hex(195195) Hex(43494A) Hex(00818A) Hex(000A0A)

	Hex(198D95)	Hex(00B5C2)	Hex(195195)	Hex(43494A)	Hex(00818A)	Hex(000A0A)
Hex(198D95)		Ratio: 1.59 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 2.31 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 5.04 AA ¹ AAA 18pt ⁴
Hex(00B5C2)	Ratio: 1.59 Failed ⁵		Ratio: 3.16 AA 18pt ²	Ratio: 3.66 AA 18pt ²	Ratio: 1.86 Failed ⁵	Ratio: 8.01 Passed ⁶
Hex(195195)	Ratio: 1.99 Failed ⁵	Ratio: 3.16 AA 18pt ²		Ratio: 1.16 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 2.53 Failed ⁵
Hex(43494A)	Ratio: 2.31 Failed ⁵	Ratio: 3.66 AA 18pt ²	Ratio: 1.16 Failed ⁵		Ratio: 1.97 Failed ⁵	Ratio: 2.19 Failed ⁵
Hex(00818A)	Ratio: 1.17 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.97 Failed ⁵		Ratio: 4.30 AA 18pt ²
Hex(000A0A)	Ratio: 5.04 AA ¹ AAA 18pt ⁴	Ratio: 8.01 Passed ⁶	Ratio: 2.53 Failed ⁵	Ratio: 2.19 Failed ⁵	Ratio: 4.30 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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