

Converting Colors - WCAG Matrix

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

Hex(118C93) Hex(00B6BF) Hex(114D93) Hex(434A4A) Hex(00838A) Hex(000A0A)

	Hex(118C93)	Hex(00B6BF)	Hex(114D93)	Hex(434A4A)	Hex(00838A)	Hex(000A0A)
Hex(118C93)		Ratio: 1.62 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 2.24 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 4.96 AA ¹ AAA 18pt ⁴
Hex(00B6BF)	Ratio: 1.62 Failed ⁵		Ratio: 3.37 AA 18pt ²	Ratio: 3.64 AA 18pt ²	Ratio: 1.83 Failed ⁵	Ratio: 8.06 Passed ⁶
Hex(114D93)	Ratio: 2.07 Failed ⁵	Ratio: 3.37 AA 18pt ²		Ratio: 1.08 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 2.39 Failed ⁵
Hex(434A4A)	Ratio: 2.24 Failed ⁵	Ratio: 3.64 AA 18pt ²	Ratio: 1.08 Failed ⁵		Ratio: 1.99 Failed ⁵	Ratio: 2.21 Failed ⁵
Hex(00838A)	Ratio: 1.13 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.99 Failed ⁵		Ratio: 4.40 AA 18pt ²
Hex(000A0A)	Ratio: 4.96 AA ¹ AAA 18pt ⁴	Ratio: 8.06 Passed ⁶	Ratio: 2.39 Failed ⁵	Ratio: 2.21 Failed ⁵	Ratio: 4.40 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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