

Converting Colors - WCAG Matrix

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

Hex(1092A4) Hex(00BCD6) Hex(1049A4) Hex(495152) Hex(008091) Hex(001012)

	Hex(1092A4)	Hex(00BCD6)	Hex(1049A4)	Hex(495152)	Hex(008091)	Hex(001012)
Hex(1092A4)		Ratio: 1.62 Failed ⁵	Ratio: 2.26 Failed ⁵	Ratio: 2.20 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 5.24 AA ¹ AAA 18pt ⁴
Hex(00BCD6)	Ratio: 1.62 Failed ⁵		Ratio: 3.65 AA 18pt ²	Ratio: 3.55 AA 18pt ²	Ratio: 2.04 Failed ⁵	Ratio: 8.46 Passed ⁶
Hex(1049A4)	Ratio: 2.26 Failed ⁵	Ratio: 3.65 AA 18pt ²		Ratio: 1.03 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 2.32 Failed ⁵
Hex(495152)	Ratio: 2.20 Failed ⁵	Ratio: 3.55 AA 18pt ²	Ratio: 1.03 Failed ⁵		Ratio: 1.74 Failed ⁵	Ratio: 2.38 Failed ⁵
Hex(008091)	Ratio: 1.26 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.74 Failed ⁵		Ratio: 4.15 AA 18pt ²
Hex(001012)	Ratio: 5.24 AA ¹ AAA 18pt ⁴	Ratio: 8.46 Passed ⁶	Ratio: 2.32 Failed ⁵	Ratio: 2.38 Failed ⁵	Ratio: 4.15 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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