

Converting Colors - WCAG Matrix

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

Hex(10A7A7) Hex(00D9D9) Hex(105CA7) Hex(4C5454) Hex(009494) Hex(001414)

	Hex(10A7A7)	Hex(00D9D9)	Hex(105CA7)	Hex(4C5454)	Hex(009494)	Hex(001414)
Hex(10A7A7)		Ratio: 1.68 Failed ⁵	Ratio: 2.28 Failed ⁵	Ratio: 2.63 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 6.40 AA ¹ AAA 18pt ⁴
Hex(00D9D9)	Ratio: 1.68 Failed ⁵		Ratio: 3.83 AA 18pt ²	Ratio: 4.41 AA 18pt ²	Ratio: 2.11 Failed ⁵	Ratio: 10.74 Passed ⁶
Hex(105CA7)	Ratio: 2.28 Failed ⁵	Ratio: 3.83 AA 18pt ²		Ratio: 1.15 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 2.80 Failed ⁵
Hex(4C5454)	Ratio: 2.63 Failed ⁵	Ratio: 4.41 AA 18pt ²	Ratio: 1.15 Failed ⁵		Ratio: 2.09 Failed ⁵	Ratio: 2.44 Failed ⁵
Hex(009494)	Ratio: 1.25 Failed ⁵	Ratio: 2.11 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 2.09 Failed ⁵		Ratio: 5.10 AA ¹ AAA 18pt ⁴
Hex(001414)	Ratio: 6.40 AA ¹ AAA 18pt ⁴	Ratio: 10.74 Passed ⁶	Ratio: 2.80 Failed ⁵	Ratio: 2.44 Failed ⁵	Ratio: 5.10 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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