

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(00A488) Hex(00D6B2) Hex(0070A4) Hex(495250) Hex(009179) Hex(00120F)

Hex(00A488)		Ratio: 1.69 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 2.56 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 6.10 AA ¹ AAA 18pt ⁴
Hex(00D6B2)	Ratio: 1.69 Failed ⁵		Ratio: 2.92 Failed ⁵	Ratio: 4.32 AA 18pt ²	Ratio: 2.11 Failed ⁵	Ratio: 10.30 Passed ⁶
Hex(0070A4)	Ratio: 1.73 Failed ⁵	Ratio: 2.92 Failed ⁵		Ratio: 1.48 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 3.52 AA 18pt ²
Hex(495250)	Ratio: 2.56 Failed ⁵	Ratio: 4.32 AA 18pt ²	Ratio: 1.48 Failed ⁵		Ratio: 2.04 Failed ⁵	Ratio: 2.38 Failed ⁵
Hex(009179)	Ratio: 1.25 Failed ⁵	Ratio: 2.11 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 2.04 Failed ⁵		Ratio: 4.87 AA ¹ AAA 18pt ⁴
Hex(00120F)	Ratio: 6.10 AA ¹ AAA 18pt ⁴	Ratio: 10.30 Passed ⁶	Ratio: 3.52 AA 18pt ²	Ratio: 2.38 Failed ⁵	Ratio: 4.87 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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