

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(71C1C1) Hex(7DFAFA) Hex(7199C1) Hex(576161) Hex(00A1A1) Hex(002121)

Hex(71C1C1)		Ratio: 1.68 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 3.07 AA 18pt ²	Ratio: 1.53 Failed ⁵	Ratio: 8.15 Passed ⁶
Hex(7DFAFA)	Ratio: 1.68 Failed ⁵		Ratio: 2.41 Failed ⁵	Ratio: 5.15 AA ¹ AAA 18pt ⁴	Ratio: 2.56 Failed ⁵	Ratio: 13.65 Passed ⁶
Hex(7199C1)	Ratio: 1.44 Failed ⁵	Ratio: 2.41 Failed ⁵		Ratio: 2.14 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 5.67 AA ¹ AAA 18pt ⁴
Hex(576161)	Ratio: 3.07 AA 18pt ²	Ratio: 5.15 AA ¹ AAA 18pt ⁴	Ratio: 2.14 Failed ⁵		Ratio: 2.01 Failed ⁵	Ratio: 2.65 Failed ⁵
Hex(00A1A1)	Ratio: 1.53 Failed ⁵	Ratio: 2.56 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 2.01 Failed ⁵		Ratio: 5.33 AA ¹ AAA 18pt ⁴
Hex(002121)	Ratio: 8.15 Passed ⁶	Ratio: 13.65 Passed ⁶	Ratio: 5.67 AA ¹ AAA 18pt ⁴	Ratio: 2.65 Failed ⁵	Ratio: 5.33 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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