

Converting Colors - WCAG Matrix

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

Hex(70A6A1) Hex(84D9D1) Hex(7090A6) Hex(4C5453) Hex(009486) Hex(001413)

	Hex(70A6A1)	Hex(84D9D1)	Hex(7090A6)	Hex(4C5453)	Hex(009486)	Hex(001413)
Hex(70A6A1)		Ratio: 1.67 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 2.84 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 6.90 AA ¹ AAA 18pt ⁴
Hex(84D9D1)	Ratio: 1.67 Failed ⁵		Ratio: 2.06 Failed ⁵	Ratio: 4.75 AA ¹ AAA 18pt ⁴	Ratio: 2.30 Failed ⁵	Ratio: 11.56 Passed ⁶
Hex(7090A6)	Ratio: 1.23 Failed ⁵	Ratio: 2.06 Failed ⁵		Ratio: 2.31 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 5.61 AA ¹ AAA 18pt ⁴
Hex(4C5453)	Ratio: 2.84 Failed ⁵	Ratio: 4.75 AA ¹ AAA 18pt ⁴	Ratio: 2.31 Failed ⁵		Ratio: 2.07 Failed ⁵	Ratio: 2.43 Failed ⁵
Hex(009486)	Ratio: 1.37 Failed ⁵	Ratio: 2.30 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 2.07 Failed ⁵		Ratio: 5.03 AA ¹ AAA 18pt ⁴
Hex(001413)	Ratio: 6.90 AA ¹ AAA 18pt ⁴	Ratio: 11.56 Passed ⁶	Ratio: 5.61 AA ¹ AAA 18pt ⁴	Ratio: 2.43 Failed ⁵	Ratio: 5.03 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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