

Converting Colors - WCAG Matrix

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

Hex(73C3AE) Hex(81FCDC) Hex(73B0C3) Hex(57615E) Hex(00A176) Hex(002118)

	Hex(73C3AE)	Hex(81FCDC)	Hex(73B0C3)	Hex(57615E)	Hex(00A176)	Hex(002118)
Hex(73C3AE)		Ratio: 1.66 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 3.10 AA 18pt ²	Ratio: 1.60 Failed ⁵	Ratio: 8.24 Passed ⁶
Hex(81FCDC)	Ratio: 1.66 Failed ⁵		Ratio: 1.94 Failed ⁵	Ratio: 5.15 AA ¹ AAA 18pt ⁴	Ratio: 2.66 Failed ⁵	Ratio: 13.72 Passed ⁶
Hex(73B0C3)	Ratio: 1.16 Failed ⁵	Ratio: 1.94 Failed ⁵		Ratio: 2.66 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 7.09 Passed ⁶
Hex(57615E)	Ratio: 3.10 AA 18pt ²	Ratio: 5.15 AA ¹ AAA 18pt ⁴	Ratio: 2.66 Failed ⁵		Ratio: 1.94 Failed ⁵	Ratio: 2.66 Failed ⁵
Hex(00A176)	Ratio: 1.60 Failed ⁵	Ratio: 2.66 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.94 Failed ⁵		Ratio: 5.17 AA ¹ AAA 18pt ⁴
Hex(002118)	Ratio: 8.24 Passed ⁶	Ratio: 13.72 Passed ⁶	Ratio: 7.09 Passed ⁶	Ratio: 2.66 Failed ⁵	Ratio: 5.17 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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