

Converting Colors - WCAG Matrix

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

Hex(5C7070) Hex(739191) Hex(5C6670) Hex(323838) Hex(007878) Hex(00F7F7)

	Hex(5C7070)	Hex(739191)	Hex(5C6670)	Hex(323838)	Hex(007878)	Hex(00F7F7)
Hex(5C7070)		Ratio: 1.54 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 2.28 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 3.91 AA 18pt ²
Hex(739191)	Ratio: 1.54 Failed ⁵		Ratio: 1.72 Failed ⁵	Ratio: 3.52 AA 18pt ²	Ratio: 1.56 Failed ⁵	Ratio: 2.53 Failed ⁵
Hex(5C6670)	Ratio: 1.12 Failed ⁵	Ratio: 1.72 Failed ⁵		Ratio: 2.04 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 4.36 AA 18pt ²
Hex(323838)	Ratio: 2.28 Failed ⁵	Ratio: 3.52 AA 18pt ²	Ratio: 2.04 Failed ⁵		Ratio: 2.25 Failed ⁵	Ratio: 8.90 Passed ⁶
Hex(007878)	Ratio: 1.01 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 2.25 Failed ⁵		Ratio: 3.95 AA 18pt ²
Hex(00F7F7)	Ratio: 3.91 AA 18pt ²	Ratio: 2.53 Failed ⁵	Ratio: 4.36 AA 18pt ²	Ratio: 8.90 Passed ⁶	Ratio: 3.95 AA 18pt ²	

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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