

Converting Colors - WCAG Matrix

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

Hex(677373) Hex(849696) Hex(676D73) Hex(353B3B) Hex(007A7A) Hex(00FAFA)

	Hex(677373)	Hex(849696)	Hex(676D73)	Hex(353B3B)	Hex(007A7A)	Hex(00FAFA)
Hex(677373)		Ratio: 1.59 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 2.32 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 3.75 AA 18pt ²
Hex(849696)	Ratio: 1.59 Failed ⁵		Ratio: 1.69 Failed ⁵	Ratio: 3.69 AA 18pt ²	Ratio: 1.67 Failed ⁵	Ratio: 2.37 Failed ⁵
Hex(676D73)	Ratio: 1.07 Failed ⁵	Ratio: 1.69 Failed ⁵		Ratio: 2.18 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 4.00 AA 18pt ²
Hex(353B3B)	Ratio: 2.32 Failed ⁵	Ratio: 3.69 AA 18pt ²	Ratio: 2.18 Failed ⁵		Ratio: 2.21 Failed ⁵	Ratio: 8.72 Passed ⁶
Hex(007A7A)	Ratio: 1.05 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 2.21 Failed ⁵		Ratio: 3.95 AA 18pt ²
Hex(00FAFA)	Ratio: 3.75 AA 18pt ²	Ratio: 2.37 Failed ⁵	Ratio: 4.00 AA 18pt ²	Ratio: 8.72 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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