

Converting Colors - WCAG Matrix

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

Hex(0A7575) Hex(009999) Hex(0A4075) Hex(353B3B) Hex(007A7A) Hex(00FAFA)

	Hex(0A7575)	Hex(009999)	Hex(0A4075)	Hex(353B3B)	Hex(007A7A)	Hex(00FAFA)
Hex(0A7575)		Ratio: 1.58 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 4.21 AA 18pt ²
Hex(009999)	Ratio: 1.58 Failed ⁵		Ratio: 3.00 AA 18pt ²	Ratio: 3.27 AA 18pt ²	Ratio: 1.48 Failed ⁵	Ratio: 2.67 Failed ⁵
Hex(0A4075)	Ratio: 1.90 Failed ⁵	Ratio: 3.00 AA 18pt ²		Ratio: 1.09 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 8.01 Passed ⁶
Hex(353B3B)	Ratio: 2.07 Failed ⁵	Ratio: 3.27 AA 18pt ²	Ratio: 1.09 Failed ⁵		Ratio: 2.21 Failed ⁵	Ratio: 8.72 Passed ⁶
Hex(007A7A)	Ratio: 1.07 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 2.21 Failed ⁵		Ratio: 3.95 AA 18pt ²
Hex(00FAFA)	Ratio: 4.21 AA 18pt ²	Ratio: 2.67 Failed ⁵	Ratio: 8.01 Passed ⁶	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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