

Converting Colors - WCAG Matrix

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

Hex(0E6E6E) Hex(008F8F) Hex(0E3E6E) Hex(323838) Hex(007878) Hex(00F7F7)

	Hex(0E6E6E)	Hex(008F8F)	Hex(0E3E6E)	Hex(323838)	Hex(007878)	Hex(00F7F7)
Hex(0E6E6E)		Ratio: 1.53 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 4.50 AA ¹ AAA 18pt ⁴
Hex(008F8F)	Ratio: 1.53 Failed ⁵		Ratio: 2.76 Failed ⁵	Ratio: 3.03 AA 18pt ²	Ratio: 1.35 Failed ⁵	Ratio: 2.94 Failed ⁵
Hex(0E3E6E)	Ratio: 1.80 Failed ⁵	Ratio: 2.76 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 8.10 Passed ⁶
Hex(323838)	Ratio: 1.98 Failed ⁵	Ratio: 3.03 AA 18pt ²	Ratio: 1.10 Failed ⁵		Ratio: 2.25 Failed ⁵	Ratio: 8.90 Passed ⁶
Hex(007878)	Ratio: 1.14 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 2.25 Failed ⁵		Ratio: 3.95 AA 18pt ²
Hex(00F7F7)	Ratio: 4.50 AA ¹ AAA 18pt ⁴	Ratio: 2.94 Failed ⁵	Ratio: 8.10 Passed ⁶	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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