

Converting Colors - WCAG Matrix

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

Hex(5A5A5A) Hex(757575) Hex(2E2E2E) Hex(006E63) Hex(00EDD6)

	Hex(5A5A5A)	Hex(757575)	Hex(2E2E2E)	Hex(006E63)	Hex(00EDD6)
Hex(5A5A5A)		Ratio: 1.50 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 4.63 AA ¹ AAA 18pt ⁴
Hex(757575)	Ratio: 1.50 Failed ⁵		Ratio: 2.95 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 3.09 AA 18pt ²
Hex(2E2E2E)	Ratio: 1.97 Failed ⁵	Ratio: 2.95 Failed ⁵		Ratio: 2.21 Failed ⁵	Ratio: 9.11 Passed ⁶
Hex(006E63)	Ratio: 1.12 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 2.21 Failed ⁵		Ratio: 4.13 AA 18pt ²
Hex(00EDD6)	Ratio: 4.63 AA ¹ AAA 18pt ⁴	Ratio: 3.09 AA 18pt ²	Ratio: 9.11 Passed ⁶	Ratio: 4.13 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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