

Converting Colors - WCAG Matrix

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

Hex(0B5B61) Hex(00757D) Hex(0B3061) Hex(2C3030) Hex(006970) Hex(00E0F0)

	Hex(0B5B61)	Hex(00757D)	Hex(0B3061)	Hex(2C3030)	Hex(006970)	Hex(00E0F0)
Hex(0B5B61)		Ratio: 1.43 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 4.82 AA ¹ AAA 18pt ⁴
Hex(00757D)	Ratio: 1.43 Failed ⁵		Ratio: 2.39 Failed ⁵	Ratio: 2.44 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 3.36 AA 18pt ²
Hex(0B3061)	Ratio: 1.67 Failed ⁵	Ratio: 2.39 Failed ⁵		Ratio: 1.02 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 8.03 Passed ⁶
Hex(2C3030)	Ratio: 1.71 Failed ⁵	Ratio: 2.44 Failed ⁵	Ratio: 1.02 Failed ⁵		Ratio: 2.07 Failed ⁵	Ratio: 8.22 Passed ⁶
Hex(006970)	Ratio: 1.21 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 2.07 Failed ⁵		Ratio: 3.97 AA 18pt ²
Hex(00E0F0)	Ratio: 4.82 AA ¹ AAA 18pt ⁴	Ratio: 3.36 AA 18pt ²	Ratio: 8.03 Passed ⁶	Ratio: 8.22 Passed ⁶	Ratio: 3.97 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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