

Converting Colors - WCAG Matrix

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

Hex(12524E) Hex(066B65) Hex(123652) Hex(252929) Hex(006963) Hex(00E8D9)

	Hex(12524E)	Hex(066B65)	Hex(123652)	Hex(252929)	Hex(006963)	Hex(00E8D9)
Hex(12524E)		Ratio: 1.41 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 5.78 AA ¹ AAA 18pt ⁴
Hex(066B65)	Ratio: 1.41 Failed ⁵		Ratio: 1.97 Failed ⁵	Ratio: 2.31 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 4.11 AA 18pt ²
Hex(123652)	Ratio: 1.40 Failed ⁵	Ratio: 1.97 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 8.09 Passed ⁶
Hex(252929)	Ratio: 1.64 Failed ⁵	Ratio: 2.31 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 2.24 Failed ⁵	Ratio: 9.49 Passed ⁶
Hex(006963)	Ratio: 1.37 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 2.24 Failed ⁵		Ratio: 4.23 AA 18pt ²
Hex(00E8D9)	Ratio: 5.78 AA ¹ AAA 18pt ⁴	Ratio: 4.11 AA 18pt ²	Ratio: 8.09 Passed ⁶	Ratio: 9.49 Passed ⁶	Ratio: 4.23 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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