

Converting Colors - WCAG Matrix

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

Hex(314F4A) Hex(37665E) Hex(31464F) Hex(222626) Hex(006655) Hex(00E6BF)

	Hex(314F4A)	Hex(37665E)	Hex(31464F)	Hex(222626)	Hex(006655)	Hex(00E6BF)
Hex(314F4A)		Ratio: 1.37 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 5.57 AA ¹ AAA 18pt ⁴
Hex(37665E)	Ratio: 1.37 Failed ⁵		Ratio: 1.52 Failed ⁵	Ratio: 2.35 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 4.05 AA 18pt ²
Hex(31464F)	Ratio: 1.11 Failed ⁵	Ratio: 1.52 Failed ⁵		Ratio: 1.54 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 6.17 AA ¹ AAA 18pt ⁴
Hex(222626)	Ratio: 1.71 Failed ⁵	Ratio: 2.35 Failed ⁵	Ratio: 1.54 Failed ⁵		Ratio: 2.21 Failed ⁵	Ratio: 9.52 Passed ⁶
Hex(006655)	Ratio: 1.29 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 2.21 Failed ⁵		Ratio: 4.31 AA 18pt ²
Hex(00E6BF)	Ratio: 5.57 AA ¹ AAA 18pt ⁴	Ratio: 4.05 AA 18pt ²	Ratio: 6.17 AA ¹ AAA 18pt ⁴	Ratio: 9.52 Passed ⁶	Ratio: 4.31 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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