

Converting Colors - WCAG Matrix

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

Hex(333D42) Hex(3F4F57) Hex(333642) Hex(1E2021) Hex(004161) Hex(0096E0)

	Hex(333D42)	Hex(3F4F57)	Hex(333642)	Hex(1E2021)	Hex(004161)	Hex(0096E0)
Hex(333D42)		Ratio: 1.31 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 3.41 AA 18pt ²
Hex(3F4F57)	Ratio: 1.31 Failed ⁵		Ratio: 1.41 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 2.61 Failed ⁵
Hex(333642)	Ratio: 1.08 Failed ⁵	Ratio: 1.41 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 3.69 AA 18pt ²
Hex(1E2021)	Ratio: 1.47 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 1.50 Failed ⁵	Ratio: 5.02 AA ¹ AAA 18pt ⁴
Hex(004161)	Ratio: 1.02 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.50 Failed ⁵		Ratio: 3.34 AA 18pt ²
Hex(0096E0)	Ratio: 3.41 AA 18pt ²	Ratio: 2.61 Failed ⁵	Ratio: 3.69 AA 18pt ²	Ratio: 5.02 AA ¹ AAA 18pt ⁴	Ratio: 3.34 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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