

Converting Colors - WCAG Matrix

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

Hex(375C5C) Hex(3E7878) Hex(374A5C) Hex(292E2E) Hex(006E6E) Hex(00EDED)

	Hex(375C5C)	Hex(3E7878)	Hex(374A5C)	Hex(292E2E)	Hex(006E6E)	Hex(00EDED)
Hex(375C5C)		Ratio: 1.46 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 5.03 AA ¹ AAA 18pt ⁴
Hex(3E7878)	Ratio: 1.46 Failed ⁵		Ratio: 1.81 Failed ⁵	Ratio: 2.73 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 3.44 AA 18pt ²
Hex(374A5C)	Ratio: 1.24 Failed ⁵	Ratio: 1.81 Failed ⁵		Ratio: 1.51 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 6.24 AA ¹ AAA 18pt ⁴
Hex(292E2E)	Ratio: 1.87 Failed ⁵	Ratio: 2.73 Failed ⁵	Ratio: 1.51 Failed ⁵		Ratio: 2.27 Failed ⁵	Ratio: 9.40 Passed ⁶
Hex(006E6E)	Ratio: 1.21 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 2.27 Failed ⁵		Ratio: 4.15 AA 18pt ²
Hex(00EDED)	Ratio: 5.03 AA ¹ AAA 18pt ⁴	Ratio: 3.44 AA 18pt ²	Ratio: 6.24 AA ¹ AAA 18pt ⁴	Ratio: 9.40 Passed ⁶	Ratio: 4.15 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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