

Converting Colors - WCAG Matrix

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

Hex(2E403A) Hex(38544B) Hex(2E3D40) Hex(1E2120) Hex(006142) Hex(00E098)

	Hex(2E403A)	Hex(38544B)	Hex(2E3D40)	Hex(1E2120)	Hex(006142)	Hex(00E098)
Hex(2E403A)		Ratio: 1.33 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 6.34 AA ¹ AAA 18pt ⁴
Hex(38544B)	Ratio: 1.33 Failed ⁵		Ratio: 1.37 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 4.77 AA ¹ AAA 18pt ⁴
Hex(2E3D40)	Ratio: 1.03 Failed ⁵	Ratio: 1.37 Failed ⁵		Ratio: 1.44 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 6.52 AA ¹ AAA 18pt ⁴
Hex(1E2120)	Ratio: 1.48 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 1.44 Failed ⁵		Ratio: 2.16 Failed ⁵	Ratio: 9.37 Passed ⁶
Hex(006142)	Ratio: 1.46 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 2.16 Failed ⁵		Ratio: 4.34 AA 18pt ²
Hex(00E098)	Ratio: 6.34 AA ¹ AAA 18pt ⁴	Ratio: 4.77 AA ¹ AAA 18pt ⁴	Ratio: 6.52 AA ¹ AAA 18pt ⁴	Ratio: 9.37 Passed ⁶	Ratio: 4.34 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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