

Converting Colors - WCAG Matrix

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

Hex(334745) Hex(3C5C58) Hex(334047) Hex(202423) Hex(006356) Hex(00E3C5)

	Hex(334745)	Hex(3C5C58)	Hex(334047)	Hex(202423)	Hex(006356)	Hex(00E3C5)
Hex(334745)		Ratio: 1.35 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 6.01 AA ¹ AAA 18pt ⁴
Hex(3C5C58)	Ratio: 1.35 Failed ⁵		Ratio: 1.46 Failed ⁵	Ratio: 2.14 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 4.47 AA 18pt ²
Hex(334047)	Ratio: 1.08 Failed ⁵	Ratio: 1.46 Failed ⁵		Ratio: 1.47 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 6.51 AA ¹ AAA 18pt ⁴
Hex(202423)	Ratio: 1.59 Failed ⁵	Ratio: 2.14 Failed ⁵	Ratio: 1.47 Failed ⁵		Ratio: 2.18 Failed ⁵	Ratio: 9.56 Passed ⁶
Hex(006356)	Ratio: 1.37 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 2.18 Failed ⁵		Ratio: 4.38 AA 18pt ²
Hex(00E3C5)	Ratio: 6.01 AA ¹ AAA 18pt ⁴	Ratio: 4.47 AA 18pt ²	Ratio: 6.51 AA ¹ AAA 18pt ⁴	Ratio: 9.56 Passed ⁶	Ratio: 4.38 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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