

Converting Colors - WCAG Matrix

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

Hex(344A4A) Hex(3E6161) Hex(343F4A) Hex(222626) Hex(006666) Hex(00E5E6)

	Hex(344A4A)	Hex(3E6161)	Hex(343F4A)	Hex(222626)	Hex(006666)	Hex(00E5E6)
Hex(344A4A)		Ratio: 1.39 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 6.00 AA ¹ AAA 18pt ⁴
Hex(3E6161)	Ratio: 1.39 Failed ⁵		Ratio: 1.58 Failed ⁵	Ratio: 2.25 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 4.32 AA 18pt ²
Hex(343F4A)	Ratio: 1.14 Failed ⁵	Ratio: 1.58 Failed ⁵		Ratio: 1.42 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 6.83 AA ¹ AAA 18pt ⁴
Hex(222626)	Ratio: 1.62 Failed ⁵	Ratio: 2.25 Failed ⁵	Ratio: 1.42 Failed ⁵		Ratio: 2.25 Failed ⁵	Ratio: 9.72 Passed ⁶
Hex(006666)	Ratio: 1.39 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 2.25 Failed ⁵		Ratio: 4.32 AA 18pt ²
Hex(00E5E6)	Ratio: 6.00 AA ¹ AAA 18pt ⁴	Ratio: 4.32 AA 18pt ²	Ratio: 6.83 AA ¹ AAA 18pt ⁴	Ratio: 9.72 Passed ⁶	Ratio: 4.32 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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