

Converting Colors - WCAG Matrix

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

Hex(0C3F40) Hex(035154) Hex(0C2540) Hex(1E2121) Hex(005E61) Hex(00D9E0)

	Hex(0C3F40)	Hex(035154)	Hex(0C2540)	Hex(1E2121)	Hex(005E61)	Hex(00D9E0)
Hex(0C3F40)		Ratio: 1.28 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 6.67 AA ¹ AAA 18pt ⁴
Hex(035154)	Ratio: 1.28 Failed ⁵		Ratio: 1.70 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 5.20 AA ¹ AAA 18pt ⁴
Hex(0C2540)	Ratio: 1.33 Failed ⁵	Ratio: 1.70 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 8.86 Passed ⁶
Hex(1E2121)	Ratio: 1.39 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 2.14 Failed ⁵	Ratio: 9.27 Passed ⁶
Hex(005E61)	Ratio: 1.54 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 2.14 Failed ⁵		Ratio: 4.33 AA 18pt ²
Hex(00D9E0)	Ratio: 6.67 AA ¹ AAA 18pt ⁴	Ratio: 5.20 AA ¹ AAA 18pt ⁴	Ratio: 8.86 Passed ⁶	Ratio: 9.27 Passed ⁶	Ratio: 4.33 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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