

Converting Colors - WCAG Matrix

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

Hex(005E66) Hex(007A85) Hex(002C66) Hex(2E3333) Hex(006A73) Hex(00DFF2)

	Hex(005E66)	Hex(007A85)	Hex(002C66)	Hex(2E3333)	Hex(006A73)	Hex(00DFF2)
Hex(005E66)		Ratio: 1.48 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 4.60 AA ¹ AAA 18pt ⁴
Hex(007A85)	Ratio: 1.48 Failed ⁵		Ratio: 2.66 Failed ⁵	Ratio: 2.52 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 3.11 AA 18pt ²
Hex(002C66)	Ratio: 1.80 Failed ⁵	Ratio: 2.66 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 2.13 Failed ⁵	Ratio: 8.27 Passed ⁶
Hex(2E3333)	Ratio: 1.71 Failed ⁵	Ratio: 2.52 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 2.02 Failed ⁵	Ratio: 7.84 Passed ⁶
Hex(006A73)	Ratio: 1.18 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 2.13 Failed ⁵	Ratio: 2.02 Failed ⁵		Ratio: 3.88 AA 18pt ²
Hex(00DFF2)	Ratio: 4.60 AA ¹ AAA 18pt ⁴	Ratio: 3.11 AA 18pt ²	Ratio: 8.27 Passed ⁶	Ratio: 7.84 Passed ⁶	Ratio: 3.88 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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