

Converting Colors - WCAG Matrix

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

Hex(37828A) Hex(32A6B3) Hex(375A8A) Hex(3E4445) Hex(007885) Hex(000505)

	Hex(37828A)	Hex(32A6B3)	Hex(375A8A)	Hex(3E4445)	Hex(007885)	Hex(000505)
Hex(37828A)		Ratio: 1.53 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 2.23 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 4.61 AA ¹ AAA 18pt ⁴
Hex(32A6B3)	Ratio: 1.53 Failed ⁵		Ratio: 2.42 Failed ⁵	Ratio: 3.42 AA 18pt ²	Ratio: 1.80 Failed ⁵	Ratio: 7.07 Passed ⁶
Hex(375A8A)	Ratio: 1.58 Failed ⁵	Ratio: 2.42 Failed ⁵		Ratio: 1.41 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 2.92 Failed ⁵
Hex(3E4445)	Ratio: 2.23 Failed ⁵	Ratio: 3.42 AA 18pt ²	Ratio: 1.41 Failed ⁵		Ratio: 1.90 Failed ⁵	Ratio: 2.07 Failed ⁵
Hex(007885)	Ratio: 1.17 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.90 Failed ⁵		Ratio: 3.93 AA 18pt ²
Hex(000505)	Ratio: 4.61 AA ¹ AAA 18pt ⁴	Ratio: 7.07 Passed ⁶	Ratio: 2.92 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 3.93 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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