

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(3C7E8C) Hex(389FB5) Hex(3C578C) Hex(3E4445) Hex(006D85) Hex(000405)

	Hex(3C7E8C)	Hex(389FB5)	Hex(3C578C)	Hex(3E4445)	Hex(006D85)	Hex(000405)
Hex(3C7E8C)		Ratio: 1.49 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 4.47 AA 18pt ²
Hex(389FB5)	Ratio: 1.49 Failed ⁵		Ratio: 2.32 Failed ⁵	Ratio: 3.21 AA 18pt ²	Ratio: 1.93 Failed ⁵	Ratio: 6.66 AA ¹ AAA 18pt ⁴
Hex(3C578C)	Ratio: 1.55 Failed ⁵	Ratio: 2.32 Failed ⁵		Ratio: 1.39 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 2.88 Failed ⁵
Hex(3E4445)	Ratio: 2.15 Failed ⁵	Ratio: 3.21 AA 18pt ²	Ratio: 1.39 Failed ⁵		Ratio: 1.67 Failed ⁵	Ratio: 2.08 Failed ⁵
Hex(006D85)	Ratio: 1.29 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.67 Failed ⁵		Ratio: 3.46 AA 18pt ²
Hex(000405)	Ratio: 4.47 AA 18pt ²	Ratio: 6.66 AA ¹ AAA 18pt ⁴	Ratio: 2.88 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 3.46 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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