

Converting Colors - WCAG Matrix

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

Hex(74888B) Hex(91B0B5) Hex(747D8B) Hex(3E4445) Hex(007385) Hex(000405)

	Hex(74888B)	Hex(91B0B5)	Hex(747D8B)	Hex(3E4445)	Hex(007385)	Hex(000405)
Hex(74888B)		Ratio: 1.61 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 2.66 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 5.53 AA ¹ AAA 18pt ⁴
Hex(91B0B5)	Ratio: 1.61 Failed ⁵		Ratio: 1.80 Failed ⁵	Ratio: 4.29 AA 18pt ²	Ratio: 2.40 Failed ⁵	Ratio: 8.91 Passed ⁶
Hex(747D8B)	Ratio: 1.12 Failed ⁵	Ratio: 1.80 Failed ⁵		Ratio: 2.38 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 4.95 AA ¹ AAA 18pt ⁴
Hex(3E4445)	Ratio: 2.66 Failed ⁵	Ratio: 4.29 AA 18pt ²	Ratio: 2.38 Failed ⁵		Ratio: 1.79 Failed ⁵	Ratio: 2.08 Failed ⁵
Hex(007385)	Ratio: 1.49 Failed ⁵	Ratio: 2.40 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.79 Failed ⁵		Ratio: 3.72 AA 18pt ²
Hex(000405)	Ratio: 5.53 AA ¹ AAA 18pt ⁴	Ratio: 8.91 Passed ⁶	Ratio: 4.95 AA ¹ AAA 18pt ⁴	Ratio: 2.08 Failed ⁵	Ratio: 3.72 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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