

Converting Colors - WCAG Matrix

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

Hex(6D848B) Hex(86AAB5) Hex(6D758B) Hex(3E4345) Hex(006685) Hex(000405)

	Hex(6D848B)	Hex(86AAB5)	Hex(6D758B)	Hex(3E4345)	Hex(006685)	Hex(000405)
Hex(6D848B)		Ratio: 1.58 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 2.54 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 5.22 AA ¹ AAA 18pt ⁴
Hex(86AAB5)	Ratio: 1.58 Failed ⁵		Ratio: 1.85 Failed ⁵	Ratio: 4.03 AA 18pt ²	Ratio: 2.60 Failed ⁵	Ratio: 8.27 Passed ⁶
Hex(6D758B)	Ratio: 1.17 Failed ⁵	Ratio: 1.85 Failed ⁵		Ratio: 2.18 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 4.48 AA 18pt ²
Hex(3E4345)	Ratio: 2.54 Failed ⁵	Ratio: 4.03 AA 18pt ²	Ratio: 2.18 Failed ⁵		Ratio: 1.55 Failed ⁵	Ratio: 2.05 Failed ⁵
Hex(006685)	Ratio: 1.64 Failed ⁵	Ratio: 2.60 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.55 Failed ⁵		Ratio: 3.18 AA 18pt ²
Hex(000405)	Ratio: 5.22 AA ¹ AAA 18pt ⁴	Ratio: 8.27 Passed ⁶	Ratio: 4.48 AA 18pt ²	Ratio: 2.05 Failed ⁵	Ratio: 3.18 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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