

Converting Colors - WCAG Matrix

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

Hex(80878A) Hex(A2AEB3) Hex(80828A) Hex(3E4345) Hex(005D85) Hex(000405)

Hex(80878A)		Ratio: 1.61 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 2.75 Failed ⁵	Ratio: 1.98 Failed ⁵
Hex(A2AEB3)	Ratio: 1.61 Failed ⁵		Ratio: 1.69 Failed ⁵	Ratio: 4.41 AA 18pt ²	Ratio: 3.18 AA 18pt ²
Hex(80828A)	Ratio: 1.05 Failed ⁵	Ratio: 1.69 Failed ⁵		Ratio: 2.62 Failed ⁵	Ratio: 1.89 Failed ⁵
Hex(3E4345)	Ratio: 2.75 Failed ⁵	Ratio: 4.41 AA 18pt ²	Ratio: 2.62 Failed ⁵		Ratio: 1.39 Failed ⁵
Hex(005D85)	Ratio: 1.98 Failed ⁵	Ratio: 3.18 AA 18pt ²	Ratio: 1.89 Failed ⁵	Ratio: 1.39 Failed ⁵	
Hex(000405)	Ratio: 5.64 AA ¹ AAA 18pt ⁴	Ratio: 9.06 Passed ⁶	Ratio: 5.37 AA ¹ AAA 18pt ⁴	Ratio: 2.05 Failed ⁵	Ratio: 2.85 Failed ⁵

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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