

Converting Colors - WCAG Matrix

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

Hex(4C7079) Hex(345860) Hex(1B4048) Hex(012A32) Hex(00171D) Hex(000113)

Hex(4C7079)		Ratio: 1.44 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 2.83 Failed ⁵	Ratio: 3.42 AA 18pt ²	Ratio: 3.85 AA 18pt ²
Hex(345860)	Ratio: 1.44 Failed ⁵		Ratio: 1.45 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 2.38 Failed ⁵	Ratio: 2.67 Failed ⁵
Hex(1B4048)	Ratio: 2.08 Failed ⁵	Ratio: 1.45 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.85 Failed ⁵
Hex(012A32)	Ratio: 2.83 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.36 Failed ⁵
Hex(00171D)	Ratio: 3.42 AA 18pt ²	Ratio: 2.38 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.12 Failed ⁵
Hex(000113)	Ratio: 3.85 AA 18pt ²	Ratio: 2.67 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.12 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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