

Converting Colors - WCAG Matrix

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

Hex(06171E) Hex(021C26) Hex(060B1E) Hex(0E0F0F) Hex(00384F) Hex(0092CF)

	Hex(06171E)	Hex(021C26)	Hex(060B1E)	Hex(0E0F0F)	Hex(00384F)	Hex(0092CF)
Hex(06171E)		Ratio: 1.04 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 5.23 AA ¹ AAA 18pt ⁴
Hex(021C26)	Ratio: 1.04 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 5.02 AA ¹ AAA 18pt ⁴
Hex(060B1E)	Ratio: 1.07 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.02 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 5.60 AA ¹ AAA 18pt ⁴
Hex(0E0F0F)	Ratio: 1.05 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.02 Failed ⁵		Ratio: 1.53 Failed ⁵	Ratio: 5.50 AA ¹ AAA 18pt ⁴
Hex(00384F)	Ratio: 1.46 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.53 Failed ⁵		Ratio: 3.58 AA 18pt ²
Hex(0092CF)	Ratio: 5.23 AA ¹ AAA 18pt ⁴	Ratio: 5.02 AA ¹ AAA 18pt ⁴	Ratio: 5.60 AA ¹ AAA 18pt ⁴	Ratio: 5.50 AA ¹ AAA 18pt ⁴	Ratio: 3.58 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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