

Converting Colors - WCAG Matrix

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

Hex(001945) Hex(002159) Hex(080045) Hex(1E1F21) Hex(002461) Hex(0053E0)

Hex(001945)		Ratio: 1.11 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.16 Failed ⁵
Hex(002159)	Ratio: 1.11 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.05 Failed ⁵
Hex(080045)	Ratio: 1.12 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.30 Failed ⁵
Hex(1E1F21)	Ratio: 1.04 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.12 Failed ⁵
Hex(002461)	Ratio: 1.16 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.12 Failed ⁵	
Hex(0053E0)	Ratio: 2.70 Failed ⁵	Ratio: 2.43 Failed ⁵	Ratio: 3.02 AA 18pt ²	Ratio: 2.60 Failed ⁵	Ratio: 2.33 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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