

Converting Colors - WCAG Matrix

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

Hex(020408) Hex(01040A) Hex(030208) Hex(050505) Hex(001745) Hex(0041C4)

Hex(020408)		Ratio: 1.00 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.18 Failed ⁵
Hex(01040A)	Ratio: 1.00 Failed ⁵		Ratio: 1.01 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.18 Failed ⁵
Hex(030208)	Ratio: 1.01 Failed ⁵	Ratio: 1.01 Failed ⁵		Ratio: 1.01 Failed ⁵	Ratio: 1.19 Failed ⁵
Hex(050505)	Ratio: 1.01 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.01 Failed ⁵		Ratio: 1.17 Failed ⁵
Hex(001745)	Ratio: 1.18 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.17 Failed ⁵	
Hex(0041C4)	Ratio: 2.49 Failed ⁵	Ratio: 2.50 Failed ⁵	Ratio: 2.51 Failed ⁵	Ratio: 2.48 Failed ⁵	Ratio: 2.11 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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