

Converting Colors - WCAG Matrix

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

Hex(041120) Hex(001429) Hex(040420) Hex(0E0F0F) Hex(00264F) Hex(0064CF)

	Hex(041120)	Hex(001429)	Hex(040420)	Hex(0E0F0F)	Hex(00264F)	Hex(0064CF)
Hex(041120)		Ratio: 1.02 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 3.37 AA 18pt ²
Hex(001429)	Ratio: 1.02 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 3.29 AA 18pt ²
Hex(040420)	Ratio: 1.06 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 3.57 AA 18pt ²
Hex(0E0F0F)	Ratio: 1.01 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 1.27 Failed ⁵	Ratio: 3.40 AA 18pt ²
Hex(00264F)	Ratio: 1.26 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.27 Failed ⁵		Ratio: 2.68 Failed ⁵
Hex(0064CF)	Ratio: 3.37 AA 18pt ²	Ratio: 3.29 AA 18pt ²	Ratio: 3.57 AA 18pt ²	Ratio: 3.40 AA 18pt ²	Ratio: 2.68 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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