

Converting Colors - WCAG Matrix

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

Hex(005AC5) Hex(0074FF) Hex(0700C5) Hex(5A5E63) Hex(004AA3) Hex(001024)

	Hex(005AC5)	Hex(0074FF)	Hex(0700C5)	Hex(5A5E63)	Hex(004AA3)	Hex(001024)
Hex(005AC5)		Ratio: 1.51 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 2.97 Failed ⁵
Hex(0074FF)	Ratio: 1.51 Failed ⁵		Ratio: 2.72 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 4.49 AA 18pt ²
Hex(0700C5)	Ratio: 1.80 Failed ⁵	Ratio: 2.72 Failed ⁵		Ratio: 1.77 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.65 Failed ⁵
Hex(5A5E63)	Ratio: 1.02 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.77 Failed ⁵		Ratio: 1.28 Failed ⁵	Ratio: 2.92 Failed ⁵
Hex(004AA3)	Ratio: 1.30 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.28 Failed ⁵		Ratio: 2.28 Failed ⁵
Hex(001024)	Ratio: 2.97 Failed ⁵	Ratio: 4.49 AA 18pt ²	Ratio: 1.65 Failed ⁵	Ratio: 2.92 Failed ⁵	Ratio: 2.28 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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