

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(004CBC) Hex(0063F5) Hex(1000BC) Hex(55595E) Hex(00409E) Hex(000C1F)

	Hex(004CBC)	Hex(0063F5)	Hex(1000BC)	Hex(55595E)	Hex(00409E)	Hex(000C1F)
Hex(004CBC)		Ratio: 1.49 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 2.57 Failed ⁵
Hex(0063F5)	Ratio: 1.49 Failed ⁵		Ratio: 2.35 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 3.83 AA 18pt ²
Hex(1000BC)	Ratio: 1.58 Failed ⁵	Ratio: 2.35 Failed ⁵		Ratio: 1.70 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.63 Failed ⁵
Hex(55595E)	Ratio: 1.08 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.70 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 2.78 Failed ⁵
Hex(00409E)	Ratio: 1.24 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 2.08 Failed ⁵
Hex(000C1F)	Ratio: 2.57 Failed ⁵	Ratio: 3.83 AA 18pt ²	Ratio: 1.63 Failed ⁵	Ratio: 2.78 Failed ⁵	Ratio: 2.08 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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