

Converting Colors - WCAG Matrix

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

Hex(0B68F4) Hex(0066FF) Hex(220BF4) Hex(6E737A) Hex(004ABA) Hex(00173B)

	Hex(0B68F4)	Hex(0066FF)	Hex(220BF4)	Hex(6E737A)	Hex(004ABA)	Hex(00173B)
Hex(0B68F4)		Ratio: 1.01 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 3.63 AA 18pt ²
Hex(0066FF)	Ratio: 1.01 Failed ⁵		Ratio: 1.79 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 3.66 AA 18pt ²
Hex(220BF4)	Ratio: 1.78 Failed ⁵	Ratio: 1.79 Failed ⁵		Ratio: 1.82 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 2.04 Failed ⁵
Hex(6E737A)	Ratio: 1.02 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.82 Failed ⁵		Ratio: 1.64 Failed ⁵	Ratio: 3.71 AA 18pt ²
Hex(004ABA)	Ratio: 1.60 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.64 Failed ⁵		Ratio: 2.27 Failed ⁵
Hex(00173B)	Ratio: 3.63 AA 18pt ²	Ratio: 3.66 AA 18pt ²	Ratio: 2.04 Failed ⁵	Ratio: 3.71 AA 18pt ²	Ratio: 2.27 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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