

Converting Colors - WCAG Matrix

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

Hex(1E64BE) Hex(006CF7) Hex(261EBE) Hex(55595E) Hex(00459E) Hex(000D1F)

	Hex(1E64BE)	Hex(006CF7)	Hex(261EBE)	Hex(55595E)	Hex(00459E)	Hex(000D1F)
Hex(1E64BE)		Ratio: 1.24 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 3.36 AA 18pt ²
Hex(006CF7)	Ratio: 1.24 Failed ⁵		Ratio: 2.23 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 4.17 AA 18pt ²
Hex(261EBE)	Ratio: 1.80 Failed ⁵	Ratio: 2.23 Failed ⁵		Ratio: 1.48 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.87 Failed ⁵
Hex(55595E)	Ratio: 1.22 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.48 Failed ⁵		Ratio: 1.27 Failed ⁵	Ratio: 2.76 Failed ⁵
Hex(00459E)	Ratio: 1.54 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.27 Failed ⁵		Ratio: 2.18 Failed ⁵
Hex(000D1F)	Ratio: 3.36 AA 18pt ²	Ratio: 4.17 AA 18pt ²	Ratio: 1.87 Failed ⁵	Ratio: 2.76 Failed ⁵	Ratio: 2.18 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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