

Converting Colors - WCAG Matrix

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

Hex(3876E1) Hex(1A6EFF) Hex(4C38E1) Hex(656970) Hex(0041B0) Hex(001230)

	Hex(3876E1)	Hex(1A6EFF)	Hex(4C38E1)	Hex(656970)	Hex(0041B0)	Hex(001230)
Hex(3876E1)		Ratio: 1.03 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 4.29 AA 18pt ²
Hex(1A6EFF)	Ratio: 1.03 Failed ⁵		Ratio: 1.59 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 4.18 AA 18pt ²
Hex(4C38E1)	Ratio: 1.64 Failed ⁵	Ratio: 1.59 Failed ⁵		Ratio: 1.29 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 2.62 Failed ⁵
Hex(656970)	Ratio: 1.27 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.29 Failed ⁵		Ratio: 1.60 Failed ⁵	Ratio: 3.37 AA 18pt ²
Hex(0041B0)	Ratio: 2.03 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.60 Failed ⁵		Ratio: 2.11 Failed ⁵
Hex(001230)	Ratio: 4.29 AA 18pt ²	Ratio: 4.18 AA 18pt ²	Ratio: 2.62 Failed ⁵	Ratio: 3.37 AA 18pt ²	Ratio: 2.11 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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