

Converting Colors - WCAG Matrix

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

	Hex(A6ADFF)	Hex(8C96FF)	Hex(737FFF)	Hex(5967FF)	Hex(4050FF)	Hex(2639FF)	Hex(0D22FF)	Hex(0016FF)
Hex(A6ADFF)		Ratio: 1.27 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 2.64 Failed ⁵	Ratio: 3.23 AA 18pt ²	Ratio: 3.73 AA 18pt ²	Ratio: 3.92 AA 18pt ²
Hex(8C96FF)	Ratio: 1.27 Failed ⁵		Ratio: 1.28 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 2.55 Failed ⁵	Ratio: 2.94 Failed ⁵	Ratio: 3.10 AA 18pt ²
Hex(737FFF)	Ratio: 1.62 Failed ⁵	Ratio: 1.28 Failed ⁵		Ratio: 1.29 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 2.31 Failed ⁵	Ratio: 2.43 Failed ⁵
Hex(5967FF)	Ratio: 2.09 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.29 Failed ⁵		Ratio: 1.26 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.88 Failed ⁵
Hex(4050FF)	Ratio: 2.64 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.26 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.49 Failed ⁵
Hex(2639FF)	Ratio: 3.23 AA 18pt ²	Ratio: 2.55 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.22 Failed ⁵
Hex(0D22FF)	Ratio: 3.73 AA 18pt ²	Ratio: 2.94 Failed ⁵	Ratio: 2.31 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.05 Failed ⁵
Hex(0016FF)	Ratio: 3.92 AA 18pt ²	Ratio: 3.10 AA 18pt ²	Ratio: 2.43 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.05 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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