

Converting Colors - WCAG Matrix

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

	Hex(A7C7FF)	Hex(8DB6FF)	Hex(74A6FF)	Hex(5A96FF)	Hex(4186FF)	Hex(2775FF)	Hex(0E65FF)	Hex(005CFF)
Hex(A7C7FF)		Ratio: 1.19 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 2.42 Failed ⁵	Ratio: 2.83 Failed ⁵	Ratio: 3.08 AA 18pt ²
Hex(8DB6FF)	Ratio: 1.19 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 2.37 Failed ⁵	Ratio: 2.58 Failed ⁵
Hex(74A6FF)	Ratio: 1.42 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 2.17 Failed ⁵
Hex(5A96FF)	Ratio: 1.69 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.82 Failed ⁵
Hex(4186FF)	Ratio: 2.02 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.53 Failed ⁵
Hex(2775FF)	Ratio: 2.42 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.28 Failed ⁵
Hex(0E65FF)	Ratio: 2.83 Failed ⁵	Ratio: 2.37 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.09 Failed ⁵
Hex(005CFF)	Ratio: 3.08 AA 18pt ²	Ratio: 2.58 Failed ⁵	Ratio: 2.17 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.09 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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