

Converting Colors - WCAG Matrix

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

	Hex(ADB0FF)	Hex(9497FF)	Hex(7A7FFF)	Hex(6166FF)	Hex(474DFF)	Hex(2E34FF)	Hex(141CFF)	Hex(0008FF)
Hex(ADB0FF)		Ratio: 1.28 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 2.76 Failed ⁵	Ratio: 3.42 AA 18pt ²	Ratio: 3.95 AA 18pt ²	Ratio: 4.21 AA 18pt ²
Hex(9497FF)	Ratio: 1.28 Failed ⁵		Ratio: 1.29 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 2.66 Failed ⁵	Ratio: 3.08 AA 18pt ²	Ratio: 3.28 AA 18pt ²
Hex(7A7FFF)	Ratio: 1.65 Failed ⁵	Ratio: 1.29 Failed ⁵		Ratio: 1.30 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 2.39 Failed ⁵	Ratio: 2.54 Failed ⁵
Hex(6166FF)	Ratio: 2.15 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.30 Failed ⁵		Ratio: 1.29 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.96 Failed ⁵
Hex(474DFF)	Ratio: 2.76 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.29 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.52 Failed ⁵
Hex(2E34FF)	Ratio: 3.42 AA 18pt ²	Ratio: 2.66 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.23 Failed ⁵
Hex(141CFF)	Ratio: 3.95 AA 18pt ²	Ratio: 3.08 AA 18pt ²	Ratio: 2.39 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.06 Failed ⁵
Hex(0008FF)	Ratio: 4.21 AA 18pt ²	Ratio: 3.28 AA 18pt ²	Ratio: 2.54 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.06 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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