

Converting Colors - WCAG Matrix

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

	Hex(B0BEFF)	Hex(97A9FF)	Hex(7D94FF)	Hex(647FFF)	Hex(4A6AFF)	Hex(3155FF)	Hex(1740FF)	Hex(002DFF)
Hex(B0BEFF)		Ratio: 1.24 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 2.43 Failed ⁵	Ratio: 3.01 AA 18pt ²	Ratio: 3.63 AA 18pt ²	Ratio: 4.13 AA 18pt ²
Hex(97A9FF)	Ratio: 1.24 Failed ⁵		Ratio: 1.25 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 2.44 Failed ⁵	Ratio: 2.94 Failed ⁵	Ratio: 3.35 AA 18pt ²
Hex(7D94FF)	Ratio: 1.54 Failed ⁵	Ratio: 1.25 Failed ⁵		Ratio: 1.25 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 2.35 Failed ⁵	Ratio: 2.68 Failed ⁵
Hex(647FFF)	Ratio: 1.94 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.25 Failed ⁵		Ratio: 1.26 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 2.14 Failed ⁵
Hex(4A6AFF)	Ratio: 2.43 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.26 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.70 Failed ⁵
Hex(3155FF)	Ratio: 3.01 AA 18pt ²	Ratio: 2.44 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.37 Failed ⁵
Hex(1740FF)	Ratio: 3.63 AA 18pt ²	Ratio: 2.94 Failed ⁵	Ratio: 2.35 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.14 Failed ⁵
Hex(002DFF)	Ratio: 4.13 AA 18pt ²	Ratio: 3.35 AA 18pt ²	Ratio: 2.68 Failed ⁵	Ratio: 2.14 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.14 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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