

Converting Colors - WCAG Matrix

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

	Hex(AEBEFF)	Hex(95AAFF)	Hex(7B95FF)	Hex(6281FF)	Hex(486CFF)	Hex(2F58FF)	Hex(1543FF)	Hex(0032FF)
Hex(AEBEFF)		Ratio: 1.23 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 2.39 Failed ⁵	Ratio: 2.93 Failed ⁵	Ratio: 3.54 AA 18pt ²	Ratio: 4.00 AA 18pt ²
Hex(95AAFF)	Ratio: 1.23 Failed ⁵		Ratio: 1.25 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 2.39 Failed ⁵	Ratio: 2.89 Failed ⁵	Ratio: 3.27 AA 18pt ²
Hex(7B95FF)	Ratio: 1.53 Failed ⁵	Ratio: 1.25 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 2.31 Failed ⁵	Ratio: 2.62 Failed ⁵
Hex(6281FF)	Ratio: 1.90 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 1.25 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 2.10 Failed ⁵
Hex(486CFF)	Ratio: 2.39 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.25 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.68 Failed ⁵
Hex(2F58FF)	Ratio: 2.93 Failed ⁵	Ratio: 2.39 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.37 Failed ⁵
Hex(1543FF)	Ratio: 3.54 AA 18pt ²	Ratio: 2.89 Failed ⁵	Ratio: 2.31 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.13 Failed ⁵
Hex(0032FF)	Ratio: 4.00 AA 18pt ²	Ratio: 3.27 AA 18pt ²	Ratio: 2.62 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.13 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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