

Converting Colors - WCAG Matrix

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

Hex(8EB6FF) Hex(75A6FF) Hex(5B95FF) Hex(4285FF) Hex(2874FF) Hex(0F64FF) Hex(005AFF)

Hex(8EB6FF)		Ratio: 1.19 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 2.40 Failed ⁵
Hex(75A6FF)	Ratio: 1.19 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 2.02 Failed ⁵
Hex(5B95FF)	Ratio: 1.43 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.68 Failed ⁵
Hex(4285FF)	Ratio: 1.71 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 1.41 Failed ⁵
Hex(2874FF)	Ratio: 2.04 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 1.17 Failed ⁵
Hex(0F64FF)	Ratio: 2.40 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.17 Failed ⁵	
Hex(005AFF)	Ratio: 2.63 Failed ⁵	Ratio: 2.22 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.10 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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