

Converting Colors - WCAG Matrix

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

Hex(95B0E8) Hex(7EA0E8) Hex(6791E8) Hex(4F81E8) Hex(3871E8) Hex(2162E8) Hex(0A52E8) Hex(004CE8)

	Hex(95B0E8)	Hex(7EA0E8)	Hex(6791E8)	Hex(4F81E8)	Hex(3871E8)	Hex(2162E8)	Hex(0A52E8)	Hex(004CE8)
Hex(95B0E8)		Ratio: 1.19 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 2.43 Failed ⁵	Ratio: 2.85 Failed ⁵	Ratio: 3.02 AA 18pt ²
Hex(7EA0E8)	Ratio: 1.19 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 2.39 Failed ⁵	Ratio: 2.53 Failed ⁵
Hex(6791E8)	Ratio: 1.42 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 2.12 Failed ⁵
Hex(4F81E8)	Ratio: 1.71 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.76 Failed ⁵
Hex(3871E8)	Ratio: 2.06 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.47 Failed ⁵
Hex(2162E8)	Ratio: 2.43 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.24 Failed ⁵
Hex(0A52E8)	Ratio: 2.85 Failed ⁵	Ratio: 2.39 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.06 Failed ⁵
Hex(004CE8)	Ratio: 3.02 AA 18pt ²	Ratio: 2.53 Failed ⁵	Ratio: 2.12 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.24 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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