

Converting Colors - WCAG Matrix

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

	Hex(A3AFC7)	Hex(8FA2C7)	Hex(7B94C7)	Hex(6787C7)	Hex(537AC7)	Hex(406DC7)	Hex(2C5FC7)	Hex(1852C7)	Hex(0445C7)	Hex(0042C7)
Hex(A3AFC7)		Ratio: 1.17 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 2.25 Failed ⁵	Ratio: 2.67 Failed ⁵	Ratio: 3.10 AA 18pt ²	Ratio: 3.55 AA 18pt ²	Ratio: 3.65 AA 18pt ²
Hex(8FA2C7)	Ratio: 1.17 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 2.29 Failed ⁵	Ratio: 2.66 Failed ⁵	Ratio: 3.04 AA 18pt ²	Ratio: 3.13 AA 18pt ²
Hex(7B94C7)	Ratio: 1.38 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 2.25 Failed ⁵	Ratio: 2.57 Failed ⁵	Ratio: 2.65 Failed ⁵
Hex(6787C7)	Ratio: 1.62 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 2.19 Failed ⁵	Ratio: 2.25 Failed ⁵
Hex(537AC7)	Ratio: 1.91 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 1.91 Failed ⁵
Hex(406DC7)	Ratio: 2.25 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.62 Failed ⁵
Hex(2C5FC7)	Ratio: 2.67 Failed ⁵	Ratio: 2.29 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.37 Failed ⁵
Hex(1852C7)	Ratio: 3.10 AA 18pt ²	Ratio: 2.66 Failed ⁵	Ratio: 2.25 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.18 Failed ⁵
Hex(0445C7)	Ratio: 3.55 AA 18pt ²	Ratio: 3.04 AA 18pt ²	Ratio: 2.57 Failed ⁵	Ratio: 2.19 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.03 Failed ⁵
Hex(0042C7)	Ratio: 3.65 AA 18pt ²	Ratio: 3.13 AA 18pt ²	Ratio: 2.65 Failed ⁵	Ratio: 2.25 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.03 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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