

Converting Colors - WCAG Matrix

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

Hex(448AE2) Hex(2988FF) Hex(4C44E2) Hex(656A70) Hex(004EB0) Hex(001530)

	Hex(448AE2)	Hex(2988FF)	Hex(4C44E2)	Hex(656A70)	Hex(004EB0)	Hex(001530)
Hex(448AE2)		Ratio: 1.01 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 2.20 Failed ⁵	Ratio: 5.20 AA ¹ AAA 18pt ⁴
Hex(2988FF)	Ratio: 1.01 Failed ⁵		Ratio: 1.87 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 2.23 Failed ⁵	Ratio: 5.27 AA ¹ AAA 18pt ⁴
Hex(4C44E2)	Ratio: 1.85 Failed ⁵	Ratio: 1.87 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 2.81 Failed ⁵
Hex(656A70)	Ratio: 1.55 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.42 Failed ⁵	Ratio: 3.35 AA 18pt ²
Hex(004EB0)	Ratio: 2.20 Failed ⁵	Ratio: 2.23 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.42 Failed ⁵		Ratio: 2.36 Failed ⁵
Hex(001530)	Ratio: 5.20 AA ¹ AAA 18pt ⁴	Ratio: 5.27 AA ¹ AAA 18pt ⁴	Ratio: 2.81 Failed ⁵	Ratio: 3.35 AA 18pt ²	Ratio: 2.36 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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