

Converting Colors - WCAG Matrix

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

Hex(5C9CD6) Hex(4FABFF) Hex(5C61D6) Hex(61666B) Hex(0059AB) Hex(00172B)

	Hex(5C9CD6)	Hex(4FABFF)	Hex(5C61D6)	Hex(61666B)	Hex(0059AB)	Hex(00172B)
Hex(5C9CD6)		Ratio: 1.20 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 2.38 Failed ⁵	Ratio: 6.20 AA ¹ AAA 18pt ⁴
Hex(4FABFF)	Ratio: 1.20 Failed ⁵		Ratio: 2.08 Failed ⁵	Ratio: 2.38 Failed ⁵	Ratio: 2.85 Failed ⁵	Ratio: 7.43 Passed ⁶
Hex(5C61D6)	Ratio: 1.74 Failed ⁵	Ratio: 2.08 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 3.57 AA 18pt ²
Hex(61666B)	Ratio: 1.98 Failed ⁵	Ratio: 2.38 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 3.13 AA 18pt ²
Hex(0059AB)	Ratio: 2.38 Failed ⁵	Ratio: 2.85 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 2.61 Failed ⁵
Hex(00172B)	Ratio: 6.20 AA ¹ AAA 18pt ⁴	Ratio: 7.43 Passed ⁶	Ratio: 3.57 AA 18pt ²	Ratio: 3.13 AA 18pt ²	Ratio: 2.61 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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