

Converting Colors - WCAG Matrix

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

Hex(5893C8) Hex(54AEFF) Hex(585CC8) Hex(5A5F63) Hex(0056A3) Hex(001324)

	Hex(5893C8)	Hex(54AEFF)	Hex(585CC8)	Hex(5A5F63)	Hex(0056A3)	Hex(001324)
Hex(5893C8)		Ratio: 1.38 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 2.25 Failed ⁵	Ratio: 5.74 AA ¹ AAA 18pt ⁴
Hex(54AEFF)	Ratio: 1.38 Failed ⁵		Ratio: 2.35 Failed ⁵	Ratio: 2.73 Failed ⁵	Ratio: 3.10 AA 18pt ²	Ratio: 7.93 Passed ⁶
Hex(585CC8)	Ratio: 1.70 Failed ⁵	Ratio: 2.35 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 3.38 AA 18pt ²
Hex(5A5F63)	Ratio: 1.98 Failed ⁵	Ratio: 2.73 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 2.91 Failed ⁵
Hex(0056A3)	Ratio: 2.25 Failed ⁵	Ratio: 3.10 AA 18pt ²	Ratio: 1.32 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 2.56 Failed ⁵
Hex(001324)	Ratio: 5.74 AA ¹ AAA 18pt ⁴	Ratio: 7.93 Passed ⁶	Ratio: 3.38 AA 18pt ²	Ratio: 2.91 Failed ⁵	Ratio: 2.56 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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