

Converting Colors - WCAG Matrix

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

Hex(6199C7) Hex(63B9FF) Hex(6167C7) Hex(5A5F63) Hex(005AA3) Hex(001424)

Hex(6199C7)		Ratio: 1.44 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 2.12 Failed ⁵	Ratio: 2.30 Failed ⁵	Ratio: 6.12 AA ¹ AAA 18pt ⁴
Hex(63B9FF)	Ratio: 1.44 Failed ⁵		Ratio: 2.32 Failed ⁵	Ratio: 3.05 AA 18pt ²	Ratio: 3.31 AA 18pt ²	Ratio: 8.81 Passed ⁶
Hex(6167C7)	Ratio: 1.61 Failed ⁵	Ratio: 2.32 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 3.80 AA 18pt ²
Hex(5A5F63)	Ratio: 2.12 Failed ⁵	Ratio: 3.05 AA 18pt ²	Ratio: 1.31 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 2.89 Failed ⁵
Hex(005AA3)	Ratio: 2.30 Failed ⁵	Ratio: 3.31 AA 18pt ²	Ratio: 1.43 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 2.66 Failed ⁵
Hex(001424)	Ratio: 6.12 AA ¹ AAA 18pt ⁴	Ratio: 8.81 Passed ⁶	Ratio: 3.80 AA 18pt ²	Ratio: 2.89 Failed ⁵	Ratio: 2.66 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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