

Converting Colors - WCAG Matrix

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

Hex(6590C8) Hex(69AAFF) Hex(6C65C8) Hex(5A5E63) Hex(0047A3) Hex(000F24)

	Hex(6590C8)	Hex(69AAFF)	Hex(6C65C8)	Hex(5A5E63)	Hex(0047A3)	Hex(000F24)
Hex(6590C8)		Ratio: 1.38 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 2.62 Failed ⁵	Ratio: 5.83 AA ¹ AAA 18pt ⁴
Hex(69AAFF)	Ratio: 1.38 Failed ⁵		Ratio: 2.03 Failed ⁵	Ratio: 2.73 Failed ⁵	Ratio: 3.62 AA 18pt ²	Ratio: 8.04 Passed ⁶
Hex(6C65C8)	Ratio: 1.47 Failed ⁵	Ratio: 2.03 Failed ⁵		Ratio: 1.35 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 3.96 AA 18pt ²
Hex(5A5E63)	Ratio: 1.98 Failed ⁵	Ratio: 2.73 Failed ⁵	Ratio: 1.35 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 2.94 Failed ⁵
Hex(0047A3)	Ratio: 2.62 Failed ⁵	Ratio: 3.62 AA 18pt ²	Ratio: 1.78 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 2.22 Failed ⁵
Hex(000F24)	Ratio: 5.83 AA ¹ AAA 18pt ⁴	Ratio: 8.04 Passed ⁶	Ratio: 3.96 AA 18pt ²	Ratio: 2.94 Failed ⁵	Ratio: 2.22 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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