

Converting Colors - WCAG Matrix

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

Hex(63B5FF) Hex(45A7FF) Hex(6368FF) Hex(737980) Hex(0065BF) Hex(002240)

	Hex(63B5FF)	Hex(45A7FF)	Hex(6368FF)	Hex(737980)	Hex(0065BF)	Hex(002240)
Hex(63B5FF)		Ratio: 1.17 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 2.65 Failed ⁵	Ratio: 7.36 Passed ⁶
Hex(45A7FF)	Ratio: 1.17 Failed ⁵		Ratio: 1.66 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 2.28 Failed ⁵	Ratio: 6.31 AA ¹ AAA 18pt ⁴
Hex(6368FF)	Ratio: 1.93 Failed ⁵	Ratio: 1.66 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 3.80 AA 18pt ²
Hex(737980)	Ratio: 2.01 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 3.67 AA 18pt ²
Hex(0065BF)	Ratio: 2.65 Failed ⁵	Ratio: 2.28 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 2.77 Failed ⁵
Hex(002240)	Ratio: 7.36 Passed ⁶	Ratio: 6.31 AA ¹ AAA 18pt ⁴	Ratio: 3.80 AA 18pt ²	Ratio: 3.67 AA 18pt ²	Ratio: 2.77 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.

This PDF was generated on convertingcolors.com.