

Converting Colors - WCAG Matrix

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

Hex(6E85FF) Hex(526DFF) Hex(9E6EFF) Hex(737580) Hex(001EBF) Hex(000A40)

	Hex(6E85FF)	Hex(526DFF)	Hex(9E6EFF)	Hex(737580)	Hex(001EBF)	Hex(000A40)
Hex(6E85FF)		Ratio: 1.29 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 3.33 AA 18pt ²	Ratio: 5.78 AA ¹ AAA 18pt ⁴
Hex(526DFF)	Ratio: 1.29 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 2.57 Failed ⁵	Ratio: 4.47 AA 18pt ²
Hex(9E6EFF)	Ratio: 1.05 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 3.16 AA 18pt ²	Ratio: 5.48 AA ¹ AAA 18pt ⁴
Hex(737580)	Ratio: 1.41 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 2.37 Failed ⁵	Ratio: 4.10 AA 18pt ²
Hex(001EBF)	Ratio: 3.33 AA 18pt ²	Ratio: 2.57 Failed ⁵	Ratio: 3.16 AA 18pt ²	Ratio: 2.37 Failed ⁵		Ratio: 1.73 Failed ⁵
Hex(000A40)	Ratio: 5.78 AA ¹ AAA 18pt ⁴	Ratio: 4.47 AA 18pt ²	Ratio: 5.48 AA ¹ AAA 18pt ⁴	Ratio: 4.10 AA 18pt ²	Ratio: 1.73 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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