

Converting Colors - WCAG Matrix

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

Hex(4D9FFF) Hex(298CFF) Hex(534DFF) Hex(737980) Hex(0059BF) Hex(001E40)

	Hex(4D9FFF)	Hex(298CFF)	Hex(534DFF)	Hex(737980)	Hex(0059BF)	Hex(001E40)
Hex(4D9FFF)		Ratio: 1.23 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 2.43 Failed ⁵	Ratio: 6.13 AA ¹ AAA 18pt ⁴
Hex(298CFF)	Ratio: 1.23 Failed ⁵		Ratio: 1.62 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 4.99 AA ¹ AAA 18pt ⁴
Hex(534DFF)	Ratio: 1.99 Failed ⁵	Ratio: 1.62 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 3.07 AA 18pt ²
Hex(737980)	Ratio: 1.62 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 1.50 Failed ⁵	Ratio: 3.79 AA 18pt ²
Hex(0059BF)	Ratio: 2.43 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.50 Failed ⁵		Ratio: 2.53 Failed ⁵
Hex(001E40)	Ratio: 6.13 AA ¹ AAA 18pt ⁴	Ratio: 4.99 AA ¹ AAA 18pt ⁴	Ratio: 3.07 AA 18pt ²	Ratio: 3.79 AA 18pt ²	Ratio: 2.53 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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