

Converting Colors - WCAG Matrix

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

Hex(4099EF) Hex(1F91FF) Hex(4043EF) Hex(6C7278) Hex(005DB8) Hex(001D38)

	Hex(4099EF)	Hex(1F91FF)	Hex(4043EF)	Hex(6C7278)	Hex(005DB8)	Hex(001D38)
Hex(4099EF)		Ratio: 1.07 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 2.16 Failed ⁵	Ratio: 5.70 AA ¹ AAA 18pt ⁴
Hex(1F91FF)	Ratio: 1.07 Failed ⁵		Ratio: 2.01 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(4043EF)	Ratio: 2.15 Failed ⁵	Ratio: 2.01 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 2.65 Failed ⁵
Hex(6C7278)	Ratio: 1.63 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 3.50 AA 18pt ²
Hex(005DB8)	Ratio: 2.16 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 2.64 Failed ⁵
Hex(001D38)	Ratio: 5.70 AA ¹ AAA 18pt ⁴	Ratio: 5.32 AA ¹ AAA 18pt ⁴	Ratio: 2.65 Failed ⁵	Ratio: 3.50 AA 18pt ²	Ratio: 2.64 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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