

Converting Colors - WCAG Matrix

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

Hex(449DE3) Hex(29A1FF) Hex(444FE3) Hex(676D73) Hex(0064B3) Hex(001C33)

	Hex(449DE3)	Hex(29A1FF)	Hex(444FE3)	Hex(676D73)	Hex(0064B3)	Hex(001C33)
Hex(449DE3)		Ratio: 1.06 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 5.91 AA ¹ AAA 18pt ⁴
Hex(29A1FF)	Ratio: 1.06 Failed ⁵		Ratio: 2.20 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 2.20 Failed ⁵	Ratio: 6.29 AA ¹ AAA 18pt ⁴
Hex(444FE3)	Ratio: 2.07 Failed ⁵	Ratio: 2.20 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 2.86 Failed ⁵
Hex(676D73)	Ratio: 1.79 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 3.30 AA 18pt ²
Hex(0064B3)	Ratio: 2.07 Failed ⁵	Ratio: 2.20 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 2.86 Failed ⁵
Hex(001C33)	Ratio: 5.91 AA ¹ AAA 18pt ⁴	Ratio: 6.29 AA ¹ AAA 18pt ⁴	Ratio: 2.86 Failed ⁵	Ratio: 3.30 AA 18pt ²	Ratio: 2.86 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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