

Converting Colors - WCAG Matrix

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

Hex(52D8FF) Hex(30D0FF) Hex(5283FF) Hex(737D80) Hex(0094BF) Hex(003140)

	Hex(52D8FF)	Hex(30D0FF)	Hex(5283FF)	Hex(737D80)	Hex(0094BF)	Hex(003140)
Hex(52D8FF)		Ratio: 1.09 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 2.54 Failed ⁵	Ratio: 2.11 Failed ⁵	Ratio: 8.34 Passed ⁶
Hex(30D0FF)	Ratio: 1.09 Failed ⁵		Ratio: 1.92 Failed ⁵	Ratio: 2.33 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 7.66 Passed ⁶
Hex(5283FF)	Ratio: 2.09 Failed ⁵	Ratio: 1.92 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 4.00 AA 18pt ²
Hex(737D80)	Ratio: 2.54 Failed ⁵	Ratio: 2.33 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 3.29 AA 18pt ²
Hex(0094BF)	Ratio: 2.11 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 3.96 AA 18pt ²
Hex(003140)	Ratio: 8.34 Passed ⁶	Ratio: 7.66 Passed ⁶	Ratio: 4.00 AA 18pt ²	Ratio: 3.29 AA 18pt ²	Ratio: 3.96 AA 18pt ²	

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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