

Converting Colors - WCAG Matrix

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

Hex(53DCF1) Hex(36E4FF) Hex(5390F1) Hex(6C7678) Hex(009FB8) Hex(003138)

	Hex(53DCF1)	Hex(36E4FF)	Hex(5390F1)	Hex(6C7678)	Hex(009FB8)	Hex(003138)
Hex(53DCF1)		Ratio: 1.06 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 2.86 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 8.60 Passed ⁶
Hex(36E4FF)	Ratio: 1.06 Failed ⁵		Ratio: 2.07 Failed ⁵	Ratio: 3.04 AA 18pt ²	Ratio: 2.06 Failed ⁵	Ratio: 9.15 Passed ⁶
Hex(5390F1)	Ratio: 1.94 Failed ⁵	Ratio: 2.07 Failed ⁵		Ratio: 1.47 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 4.43 AA 18pt ²
Hex(6C7678)	Ratio: 2.86 Failed ⁵	Ratio: 3.04 AA 18pt ²	Ratio: 1.47 Failed ⁵		Ratio: 1.48 Failed ⁵	Ratio: 3.01 AA 18pt ²
Hex(009FB8)	Ratio: 1.94 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 1.48 Failed ⁵		Ratio: 4.44 AA 18pt ²
Hex(003138)	Ratio: 8.60 Passed ⁶	Ratio: 9.15 Passed ⁶	Ratio: 4.43 AA 18pt ²	Ratio: 3.01 AA 18pt ²	Ratio: 4.44 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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