

Converting Colors - WCAG Matrix

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

Hex(55D8DE) Hex(42F7FF) Hex(5595DE) Hex(657070) Hex(00A8B0) Hex(002E30)

	Hex(55D8DE)	Hex(42F7FF)	Hex(5595DE)	Hex(657070)	Hex(00A8B0)	Hex(002E30)
Hex(55D8DE)		Ratio: 1.30 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 2.99 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 8.56 Passed ⁶
Hex(42F7FF)	Ratio: 1.30 Failed ⁵		Ratio: 2.37 Failed ⁵	Ratio: 3.89 AA 18pt ²	Ratio: 2.21 Failed ⁵	Ratio: 11.15 Passed ⁶
Hex(5595DE)	Ratio: 1.82 Failed ⁵	Ratio: 2.37 Failed ⁵		Ratio: 1.64 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 4.70 AA ¹ AAA 18pt ⁴
Hex(657070)	Ratio: 2.99 Failed ⁵	Ratio: 3.89 AA 18pt ²	Ratio: 1.64 Failed ⁵		Ratio: 1.76 Failed ⁵	Ratio: 2.86 Failed ⁵
Hex(00A8B0)	Ratio: 1.70 Failed ⁵	Ratio: 2.21 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.76 Failed ⁵		Ratio: 5.04 AA ¹ AAA 18pt ⁴
Hex(002E30)	Ratio: 8.56 Passed ⁶	Ratio: 11.15 Passed ⁶	Ratio: 4.70 AA ¹ AAA 18pt ⁴	Ratio: 2.86 Failed ⁵	Ratio: 5.04 AA ¹ AAA 18pt ⁴	

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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