

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(57AFA0) Hex(5BE3CB) Hex(5793AF) Hex(4E5755) Hex(00967D) Hex(001713)

Hex(57AFA0)		Ratio: 1.65 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 2.85 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 7.11 Passed ⁶
Hex(5BE3CB)	Ratio: 1.65 Failed ⁵		Ratio: 2.15 Failed ⁵	Ratio: 4.72 AA ¹ AAA 18pt ⁴	Ratio: 2.35 Failed ⁵	Ratio: 11.74 Passed ⁶
Hex(5793AF)	Ratio: 1.30 Failed ⁵	Ratio: 2.15 Failed ⁵		Ratio: 2.20 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 5.48 AA ¹ AAA 18pt ⁴
Hex(4E5755)	Ratio: 2.85 Failed ⁵	Ratio: 4.72 AA ¹ AAA 18pt ⁴	Ratio: 2.20 Failed ⁵		Ratio: 2.01 Failed ⁵	Ratio: 2.49 Failed ⁵
Hex(00967D)	Ratio: 1.42 Failed ⁵	Ratio: 2.35 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 2.01 Failed ⁵		Ratio: 5.00 AA ¹ AAA 18pt ⁴
Hex(001713)	Ratio: 7.11 Passed ⁶	Ratio: 11.74 Passed ⁶	Ratio: 5.48 AA ¹ AAA 18pt ⁴	Ratio: 2.49 Failed ⁵	Ratio: 5.00 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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