

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(5BE5D7) Hex(47FFED) Hex(5BAEE5) Hex(677372) Hex(00B3A1) Hex(00332E)

Hex(5BE5D7)		Ratio: 1.23 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 3.19 AA 18pt ²	Ratio: 1.71 Failed ⁵	Ratio: 9.01 Passed ⁶
Hex(47FFED)	Ratio: 1.23 Failed ⁵		Ratio: 1.95 Failed ⁵	Ratio: 3.93 AA 18pt ²	Ratio: 2.11 Failed ⁵	Ratio: 11.10 Passed ⁶
Hex(5BAEE5)	Ratio: 1.58 Failed ⁵	Ratio: 1.95 Failed ⁵		Ratio: 2.02 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 5.70 AA ¹ AAA 18pt ⁴
Hex(677372)	Ratio: 3.19 AA 18pt ²	Ratio: 3.93 AA 18pt ²	Ratio: 2.02 Failed ⁵		Ratio: 1.86 Failed ⁵	Ratio: 2.82 Failed ⁵
Hex(00B3A1)	Ratio: 1.71 Failed ⁵	Ratio: 2.11 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.86 Failed ⁵		Ratio: 5.26 AA ¹ AAA 18pt ⁴
Hex(00332E)	Ratio: 9.01 Passed ⁶	Ratio: 11.10 Passed ⁶	Ratio: 5.70 AA ¹ AAA 18pt ⁴	Ratio: 2.82 Failed ⁵	Ratio: 5.26 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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