

Converting Colors - WCAG Matrix

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

Hex(39E7CB) Hex(19FFDA) Hex(39ADE7) Hex(677371) Hex(00B396) Hex(00332B)

	Hex(39E7CB)	Hex(19FFDA)	Hex(39ADE7)	Hex(677371)	Hex(00B396)	Hex(00332B)
Hex(39E7CB)		Ratio: 1.21 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 3.16 AA 18pt ²	Ratio: 1.71 Failed ⁵	Ratio: 8.93 Passed ⁶
Hex(19FFDA)	Ratio: 1.21 Failed ⁵		Ratio: 1.97 Failed ⁵	Ratio: 3.83 AA 18pt ²	Ratio: 2.07 Failed ⁵	Ratio: 10.84 Passed ⁶
Hex(39ADE7)	Ratio: 1.62 Failed ⁵	Ratio: 1.97 Failed ⁵		Ratio: 1.95 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 5.51 AA ¹ AAA 18pt ⁴
Hex(677371)	Ratio: 3.16 AA 18pt ²	Ratio: 3.83 AA 18pt ²	Ratio: 1.95 Failed ⁵		Ratio: 1.85 Failed ⁵	Ratio: 2.83 Failed ⁵
Hex(00B396)	Ratio: 1.71 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.85 Failed ⁵		Ratio: 5.23 AA ¹ AAA 18pt ⁴
Hex(00332B)	Ratio: 8.93 Passed ⁶	Ratio: 10.84 Passed ⁶	Ratio: 5.51 AA ¹ AAA 18pt ⁴	Ratio: 2.83 Failed ⁵	Ratio: 5.23 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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