

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(07ABAB) Hex(00DEDE) Hex(0759AB) Hex(4E5757) Hex(009696) Hex(001717)

Hex(07ABAB)		Ratio: 1.68 Failed ⁵	Ratio: 2.45 Failed ⁵	Ratio: 2.63 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 6.54 AA ¹ AAA 18pt ⁴
Hex(00DEDE)	Ratio: 1.68 Failed ⁵		Ratio: 4.13 AA 18pt ²	Ratio: 4.43 AA 18pt ²	Ratio: 2.15 Failed ⁵	Ratio: 11.02 Passed ⁶
Hex(0759AB)	Ratio: 2.45 Failed ⁵	Ratio: 4.13 AA 18pt ²		Ratio: 1.07 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 2.67 Failed ⁵
Hex(4E5757)	Ratio: 2.63 Failed ⁵	Ratio: 4.43 AA 18pt ²	Ratio: 1.07 Failed ⁵		Ratio: 2.05 Failed ⁵	Ratio: 2.49 Failed ⁵
Hex(009696)	Ratio: 1.28 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 2.05 Failed ⁵		Ratio: 5.11 AA ¹ AAA 18pt ⁴
Hex(001717)	Ratio: 6.54 AA ¹ AAA 18pt ⁴	Ratio: 11.02 Passed ⁶	Ratio: 2.67 Failed ⁵	Ratio: 2.49 Failed ⁵	Ratio: 5.11 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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