

Converting Colors - WCAG Matrix

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

Hex(93ABAB) Hex(B8DEDE) Hex(939FAB) Hex(4E5757) Hex(009696) Hex(001717)

Hex(93ABAB)		Ratio: 1.68 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 3.06 AA 18pt ²	Ratio: 1.49 Failed ⁵	Ratio: 7.62 Passed ⁶
Hex(B8DEDE)	Ratio: 1.68 Failed ⁵		Ratio: 1.87 Failed ⁵	Ratio: 5.15 AA ¹ AAA 18pt ⁴	Ratio: 2.51 Failed ⁵	Ratio: 12.81 Passed ⁶
Hex(939FAB)	Ratio: 1.11 Failed ⁵	Ratio: 1.87 Failed ⁵		Ratio: 2.76 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 6.86 AA ¹ AAA 18pt ⁴
Hex(4E5757)	Ratio: 3.06 AA 18pt ²	Ratio: 5.15 AA ¹ AAA 18pt ⁴	Ratio: 2.76 Failed ⁵		Ratio: 2.05 Failed ⁵	Ratio: 2.49 Failed ⁵
Hex(009696)	Ratio: 1.49 Failed ⁵	Ratio: 2.51 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 2.05 Failed ⁵		Ratio: 5.11 AA ¹ AAA 18pt ⁴
Hex(001717)	Ratio: 7.62 Passed ⁶	Ratio: 12.81 Passed ⁶	Ratio: 6.86 AA ¹ AAA 18pt ⁴	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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