

Converting Colors - WCAG Matrix

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

Hex(EBEDED) Hex(FCFFFF) Hex(EBECED) Hex(777878) Hex(00B7B8) Hex(003838)

Hex(EBEDED)		Ratio: 1.17 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 3.77 AA 18pt ²	Ratio: 2.11 Failed ⁵	Ratio: 11.01 Passed ⁶
Hex(FCFFFF)	Ratio: 1.17 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 4.40 AA 18pt ²	Ratio: 2.47 Failed ⁵	Ratio: 12.87 Passed ⁶
Hex(EBECED)	Ratio: 1.01 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 3.74 AA 18pt ²	Ratio: 2.10 Failed ⁵	Ratio: 10.94 Passed ⁶
Hex(777878)	Ratio: 3.77 AA 18pt ²	Ratio: 4.40 AA 18pt ²	Ratio: 3.74 AA 18pt ²		Ratio: 1.79 Failed ⁵	Ratio: 2.92 Failed ⁵
Hex(00B7B8)	Ratio: 2.11 Failed ⁵	Ratio: 2.47 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 1.79 Failed ⁵		Ratio: 5.22 AA ¹ AAA 18pt ⁴
Hex(003838)	Ratio: 11.01 Passed ⁶	Ratio: 12.87 Passed ⁶	Ratio: 10.94 Passed ⁶	Ratio: 2.92 Failed ⁵	Ratio: 5.22 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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