

Converting Colors - WCAG Matrix

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

Hex(E5E7E7) Hex(FCFFFF) Hex(E5E6E7) Hex(727373) Hex(00B3B3) Hex(003333)

	Hex(E5E7E7)	Hex(FCFFFF)	Hex(E5E6E7)	Hex(727373)	Hex(00B3B3)	Hex(003333)
Hex(E5E7E7)		Ratio: 1.23 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 3.83 AA 18pt ²	Ratio: 2.09 Failed ⁵	Ratio: 11.12 Passed ⁶
Hex(FCFFFF)	Ratio: 1.23 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 4.73 AA ¹ AAA 18pt ⁴	Ratio: 2.58 Failed ⁵	Ratio: 13.73 Passed ⁶
Hex(E5E6E7)	Ratio: 1.01 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 3.81 AA 18pt ²	Ratio: 2.07 Failed ⁵	Ratio: 11.05 Passed ⁶
Hex(727373)	Ratio: 3.83 AA 18pt ²	Ratio: 4.73 AA ¹ AAA 18pt ⁴	Ratio: 3.81 AA 18pt ²		Ratio: 1.83 Failed ⁵	Ratio: 2.90 Failed ⁵
Hex(00B3B3)	Ratio: 2.09 Failed ⁵	Ratio: 2.58 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 1.83 Failed ⁵		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(003333)	Ratio: 11.12 Passed ⁶	Ratio: 13.73 Passed ⁶	Ratio: 11.05 Passed ⁶	Ratio: 2.90 Failed ⁵	Ratio: 5.32 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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