

Converting Colors - WCAG Matrix

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

Hex(E4E8E8) Hex(FAFFFF) Hex(E4E6E8) Hex(737575) Hex(00A7B5) Hex(003136)

	Hex(E4E8E8)	Hex(FAFFFF)	Hex(E4E6E8)	Hex(737575)	Hex(00A7B5)	Hex(003136)
Hex(E4E8E8)		Ratio: 1.22 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 3.75 AA 18pt ²	Ratio: 2.36 Failed ⁵	Ratio: 11.39 Passed ⁶
Hex(FAFFFF)	Ratio: 1.22 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 4.59 AA ¹ AAA 18pt ⁴	Ratio: 2.89 Failed ⁵	Ratio: 13.94 Passed ⁶
Hex(E4E6E8)	Ratio: 1.01 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 3.70 AA 18pt ²	Ratio: 2.33 Failed ⁵	Ratio: 11.24 Passed ⁶
Hex(737575)	Ratio: 3.75 AA 18pt ²	Ratio: 4.59 AA ¹ AAA 18pt ⁴	Ratio: 3.70 AA 18pt ²		Ratio: 1.59 Failed ⁵	Ratio: 3.04 AA 18pt ²
Hex(00A7B5)	Ratio: 2.36 Failed ⁵	Ratio: 2.89 Failed ⁵	Ratio: 2.33 Failed ⁵	Ratio: 1.59 Failed ⁵		Ratio: 4.82 AA ¹ AAA 18pt ⁴
Hex(003136)	Ratio: 11.39 Passed ⁶	Ratio: 13.94 Passed ⁶	Ratio: 11.24 Passed ⁶	Ratio: 3.04 AA 18pt ²	Ratio: 4.82 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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