

Converting Colors - WCAG Matrix

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

Hex(EAECCE) Hex(FAFCFF) Hex(EBEAE) Hex(757678) Hex(003CB8) Hex(001238)

Hex(EAECCE)		Ratio: 1.15 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 3.84 AA 18pt ²	Ratio: 7.58 Passed ⁶	Ratio: 15.50 Passed ⁶
Hex(FAFCFF)	Ratio: 1.15 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 4.42 AA 18pt ²	Ratio: 8.74 Passed ⁶	Ratio: 17.87 Passed ⁶
Hex(EBEAE)	Ratio: 1.01 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 3.80 AA 18pt ²	Ratio: 7.50 Passed ⁶	Ratio: 15.33 Passed ⁶
Hex(757678)	Ratio: 3.84 AA 18pt ²	Ratio: 4.42 AA 18pt ²	Ratio: 3.80 AA 18pt ²		Ratio: 1.98 Failed ⁵	Ratio: 4.04 AA 18pt ²
Hex(003CB8)	Ratio: 7.58 Passed ⁶	Ratio: 8.74 Passed ⁶	Ratio: 7.50 Passed ⁶	Ratio: 1.98 Failed ⁵		Ratio: 2.04 Failed ⁵
Hex(001238)	Ratio: 15.50 Passed ⁶	Ratio: 17.87 Passed ⁶	Ratio: 15.33 Passed ⁶	Ratio: 4.04 AA 18pt ²	Ratio: 2.04 Failed ⁵	

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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