

Converting Colors - WCAG Matrix

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

Hex(0E0E0E) **Hex(111212)** **Hex(070808)** **Hex(002B47)** **Hex(0079C7)**

Hex(0E0E0E)		Ratio: 1.03 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.32 Failed ⁵ AA 18pt ²
Hex(111212)	Ratio: 1.03 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 1.28 Failed ⁵ AA 18pt ²
Hex(070808)	Ratio: 1.04 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 1.37 Failed ⁵ AA 18pt ²
Hex(002B47)	Ratio: 1.32 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 3.17 AA 18pt ²
Hex(0079C7)	Ratio: 4.19 AA 18pt ²	Ratio: 4.07 AA 18pt ²	Ratio: 4.35 AA 18pt ²	Ratio: 3.17 AA 18pt ²

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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