

Converting Colors - WCAG Matrix

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

	Hex(0B1314)	Hex(0B181A)	Hex(0B0E14)	Hex(090A0A)	Hex(00414A)	Hex(00B2C9)
Hex(0B1314)		Ratio: 1.04 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 7.35 Passed ⁶
Hex(0B181A)	Ratio: 1.04 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 7.08 Passed ⁶
Hex(0B0E14)	Ratio: 1.03 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 7.55 Passed ⁶
Hex(090A0A)	Ratio: 1.05 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 1.75 Failed ⁵	Ratio: 7.75 Passed ⁶
Hex(00414A)	Ratio: 1.66 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.75 Failed ⁵		Ratio: 4.43 AA 18pt ²
Hex(00B2C9)	Ratio: 7.35 Passed ⁶	Ratio: 7.08 Passed ⁶	Ratio: 7.55 Passed ⁶	Ratio: 7.75 Passed ⁶	Ratio: 4.43 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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