

Converting Colors - WCAG Matrix

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

Hex(01191D) Hex(002126) Hex(010B1D) Hex(0E0F0F) Hex(00444F) Hex(00B1CF)

	Hex(01191D)	Hex(002126)	Hex(010B1D)	Hex(0E0F0F)	Hex(00444F)	Hex(00B1CF)
Hex(01191D)		Ratio: 1.08 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 7.07 Passed ⁶
Hex(002126)	Ratio: 1.08 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 6.57 AA ¹ AAA 18pt ⁴
Hex(010B1D)	Ratio: 1.09 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 7.68 Passed ⁶
Hex(0E0F0F)	Ratio: 1.06 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 1.77 Failed ⁵	Ratio: 7.49 Passed ⁶
Hex(00444F)	Ratio: 1.68 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.77 Failed ⁵		Ratio: 4.22 AA 18pt ²
Hex(00B1CF)	Ratio: 7.07 Passed ⁶	Ratio: 6.57 AA ¹ AAA 18pt ⁴	Ratio: 7.68 Passed ⁶	Ratio: 7.49 Passed ⁶	Ratio: 4.22 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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