

Converting Colors - WCAG Matrix

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

Hex(001E21) Hex(00272B) Hex(000D21) Hex(101212) Hex(004952) Hex(00BBD1)

	Hex(001E21)	Hex(00272B)	Hex(000D21)	Hex(101212)	Hex(004952)	Hex(00BBD1)
Hex(001E21)		Ratio: 1.10 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 7.48 Passed ⁶
Hex(00272B)	Ratio: 1.10 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 6.81 AA ¹ AAA 18pt ⁴
Hex(000D21)	Ratio: 1.12 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 8.36 Passed ⁶
Hex(101212)	Ratio: 1.08 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 1.86 Failed ⁵	Ratio: 8.08 Passed ⁶
Hex(004952)	Ratio: 1.72 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 1.86 Failed ⁵		Ratio: 4.35 AA 18pt ²
Hex(00BBD1)	Ratio: 7.48 Passed ⁶	Ratio: 6.81 AA ¹ AAA 18pt ⁴	Ratio: 8.36 Passed ⁶	Ratio: 8.08 Passed ⁶	Ratio: 4.35 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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