

Converting Colors - WCAG Matrix

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

Hex(000F0F) Hex(001414) Hex(00080F) Hex(070808) Hex(004747) Hex(00C7C7)

	Hex(000F0F)	Hex(001414)	Hex(00080F)	Hex(070808)	Hex(004747)	Hex(00C7C7)
Hex(000F0F)		Ratio: 1.03 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 9.30 Passed ⁶
Hex(001414)	Ratio: 1.03 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 9.00 Passed ⁶
Hex(00080F)	Ratio: 1.03 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 1.01 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 9.59 Passed ⁶
Hex(070808)	Ratio: 1.03 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.01 Failed ⁵		Ratio: 1.90 Failed ⁵	Ratio: 9.54 Passed ⁶
Hex(004747)	Ratio: 1.85 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.90 Failed ⁵		Ratio: 5.02 AA ¹ AAA 18pt ⁴
Hex(00C7C7)	Ratio: 9.30 Passed ⁶	Ratio: 9.00 Passed ⁶	Ratio: 9.59 Passed ⁶	Ratio: 9.54 Passed ⁶	Ratio: 5.02 AA ¹ AAA 18pt ⁴	

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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