

Converting Colors - WCAG Matrix

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

Hex(050D0A) Hex(05120D) Hex(050C0D) Hex(070807) Hex(00472E) Hex(00C780)

	Hex(050D0A)	Hex(05120D)	Hex(050C0D)	Hex(070807)	Hex(00472E)	Hex(00C780)
Hex(050D0A)		Ratio: 1.03 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 8.87 Passed ⁶
Hex(05120D)	Ratio: 1.03 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 8.63 Passed ⁶
Hex(050C0D)	Ratio: 1.00 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 1.02 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 8.90 Passed ⁶
Hex(070807)	Ratio: 1.02 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.02 Failed ⁵		Ratio: 1.85 Failed ⁵	Ratio: 9.06 Passed ⁶
Hex(00472E)	Ratio: 1.82 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.85 Failed ⁵		Ratio: 4.89 AA ¹ AAA 18pt ⁴
Hex(00C780)	Ratio: 8.87 Passed ⁶	Ratio: 8.63 Passed ⁶	Ratio: 8.90 Passed ⁶	Ratio: 9.06 Passed ⁶	Ratio: 4.89 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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