

Converting Colors - WCAG Matrix

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

Hex(101A1A) Hex(132121) Hex(10151A) Hex(0B0D0D) Hex(004D4D) Hex(00CCCC)

	Hex(101A1A)	Hex(132121)	Hex(10151A)	Hex(0B0D0D)	Hex(004D4D)	Hex(00CCCC)
Hex(101A1A)		Ratio: 1.07 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 8.87 Passed ⁶
Hex(132121)	Ratio: 1.07 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 8.29 Passed ⁶
Hex(10151A)	Ratio: 1.04 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 9.18 Passed ⁶
Hex(0B0D0D)	Ratio: 1.10 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 2.01 Failed ⁵	Ratio: 9.75 Passed ⁶
Hex(004D4D)	Ratio: 1.83 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 2.01 Failed ⁵		Ratio: 4.85 AA ¹ AAA 18pt ⁴
Hex(00CCCC)	Ratio: 8.87 Passed ⁶	Ratio: 8.29 Passed ⁶	Ratio: 9.18 Passed ⁶	Ratio: 9.75 Passed ⁶	Ratio: 4.85 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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