

Converting Colors - WCAG Matrix

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

Hex(111711) Hex(151F15) Hex(111714) Hex(0B0D0B) Hex(004D00) Hex(00CC00)

	Hex(111711)	Hex(151F15)	Hex(111714)	Hex(0B0D0B)	Hex(004D00)	Hex(00CC00)
Hex(111711)		Ratio: 1.07 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 8.35 Passed ⁶
Hex(151F15)	Ratio: 1.07 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 7.78 Passed ⁶
Hex(111714)	Ratio: 1.00 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 8.33 Passed ⁶
Hex(0B0D0B)	Ratio: 1.07 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 1.91 Failed ⁵	Ratio: 8.95 Passed ⁶
Hex(004D00)	Ratio: 1.79 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.91 Failed ⁵		Ratio: 4.67 AA ¹ AAA 18pt ⁴
Hex(00CC00)	Ratio: 8.35 Passed ⁶	Ratio: 7.78 Passed ⁶	Ratio: 8.33 Passed ⁶	Ratio: 8.95 Passed ⁶	Ratio: 4.67 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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