

Converting Colors - WCAG Matrix

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

Hex(128923) Hex(00B31A) Hex(12895D) Hex(3E453F) Hex(008513) Hex(000501)

	Hex(128923)	Hex(00B31A)	Hex(12895D)	Hex(3E453F)	Hex(008513)	Hex(000501)
Hex(128923)		Ratio: 1.61 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 2.18 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 4.53 AA ¹ AAA 18pt ⁴
Hex(00B31A)	Ratio: 1.61 Failed ⁵		Ratio: 1.57 Failed ⁵	Ratio: 3.51 AA 18pt ²	Ratio: 1.71 Failed ⁵	Ratio: 7.30 Passed ⁶
Hex(12895D)	Ratio: 1.03 Failed ⁵	Ratio: 1.57 Failed ⁵		Ratio: 2.24 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 4.66 AA ¹ AAA 18pt ⁴
Hex(3E453F)	Ratio: 2.18 Failed ⁵	Ratio: 3.51 AA 18pt ²	Ratio: 2.24 Failed ⁵		Ratio: 2.05 Failed ⁵	Ratio: 2.08 Failed ⁵
Hex(008513)	Ratio: 1.06 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 2.05 Failed ⁵		Ratio: 4.27 AA 18pt ²
Hex(000501)	Ratio: 4.53 AA ¹ AAA 18pt ⁴	Ratio: 7.30 Passed ⁶	Ratio: 4.66 AA ¹ AAA 18pt ⁴	Ratio: 2.08 Failed ⁵	Ratio: 4.27 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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