

Converting Colors - WCAG Matrix

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

Hex(11B949) Hex(00F050) Hex(11B99D) Hex(535C56) Hex(009C34) Hex(001C09)

	Hex(11B949)	Hex(00F050)	Hex(11B99D)	Hex(535C56)	Hex(009C34)	Hex(001C09)
Hex(11B949)		Ratio: 1.68 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 2.66 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 6.89 AA ¹ AAA 18pt ⁴
Hex(00F050)	Ratio: 1.68 Failed ⁵		Ratio: 1.61 Failed ⁵	Ratio: 4.48 AA 18pt ²	Ratio: 2.34 Failed ⁵	Ratio: 11.61 Passed ⁶
Hex(11B99D)	Ratio: 1.05 Failed ⁵	Ratio: 1.61 Failed ⁵		Ratio: 2.79 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 7.22 Passed ⁶
Hex(535C56)	Ratio: 2.66 Failed ⁵	Ratio: 4.48 AA 18pt ²	Ratio: 2.79 Failed ⁵		Ratio: 1.91 Failed ⁵	Ratio: 2.59 Failed ⁵
Hex(009C34)	Ratio: 1.39 Failed ⁵	Ratio: 2.34 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.91 Failed ⁵		Ratio: 4.96 AA ¹ AAA 18pt ⁴
Hex(001C09)	Ratio: 6.89 AA ¹ AAA 18pt ⁴	Ratio: 11.61 Passed ⁶	Ratio: 7.22 Passed ⁶	Ratio: 2.59 Failed ⁵	Ratio: 4.96 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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