

Converting Colors - WCAG Matrix

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

Hex(00B83C) Hex(00F04E) Hex(00B896) Hex(535C56) Hex(009C33) Hex(001C09)

	Hex(00B83C)	Hex(00F04E)	Hex(00B896)	Hex(535C56)	Hex(009C33)	Hex(001C09)
Hex(00B83C)		Ratio: 1.71 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 2.61 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 6.77 AA ¹ AAA 18pt ⁴
Hex(00F04E)	Ratio: 1.71 Failed ⁵		Ratio: 1.64 Failed ⁵	Ratio: 4.48 AA 18pt ²	Ratio: 2.34 Failed ⁵	Ratio: 11.60 Passed ⁶
Hex(00B896)	Ratio: 1.05 Failed ⁵	Ratio: 1.64 Failed ⁵		Ratio: 2.74 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 7.09 Passed ⁶
Hex(535C56)	Ratio: 2.61 Failed ⁵	Ratio: 4.48 AA 18pt ²	Ratio: 2.74 Failed ⁵		Ratio: 1.91 Failed ⁵	Ratio: 2.59 Failed ⁵
Hex(009C33)	Ratio: 1.37 Failed ⁵	Ratio: 2.34 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.91 Failed ⁵		Ratio: 4.96 AA ¹ AAA 18pt ⁴
Hex(001C09)	Ratio: 6.77 AA ¹ AAA 18pt ⁴	Ratio: 11.60 Passed ⁶	Ratio: 7.09 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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