

Converting Colors - WCAG Matrix

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

	Hex(00B84C)	Hex(009C33)	Hex(008118)	Hex(006700)	Hex(004D00)	Hex(003600)	Hex(001C00)	Hex(000000)
Hex(00B84C)		Ratio: 1.37 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 2.71 Failed ⁵	Ratio: 3.86 AA 18pt ²	Ratio: 5.21 AA ¹ AAA 18pt ⁴	Ratio: 6.83 AA ¹ AAA 18pt ⁴	Ratio: 7.96 Passed ⁶
Hex(009C33)	Ratio: 1.37 Failed ⁵		Ratio: 1.40 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 2.81 Failed ⁵	Ratio: 3.80 AA 18pt ²	Ratio: 4.98 AA ¹ AAA 18pt ⁴	Ratio: 5.80 AA ¹ AAA 18pt ⁴
Hex(008118)	Ratio: 1.92 Failed ⁵	Ratio: 1.40 Failed ⁵		Ratio: 1.41 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 2.72 Failed ⁵	Ratio: 3.56 AA 18pt ²	Ratio: 4.15 AA 18pt ²
Hex(006700)	Ratio: 2.71 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 1.41 Failed ⁵		Ratio: 1.43 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 2.52 Failed ⁵	Ratio: 2.94 Failed ⁵
Hex(004D00)	Ratio: 3.86 AA 18pt ²	Ratio: 2.81 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 1.43 Failed ⁵		Ratio: 1.35 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 2.06 Failed ⁵
Hex(003600)	Ratio: 5.21 AA ¹ AAA 18pt ⁴	Ratio: 3.80 AA 18pt ²	Ratio: 2.72 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 1.35 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 1.53 Failed ⁵
Hex(001C00)	Ratio: 6.83 AA ¹ AAA 18pt ⁴	Ratio: 4.98 AA ¹ AAA 18pt ⁴	Ratio: 3.56 AA 18pt ²	Ratio: 2.52 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 1.17 Failed ⁵
Hex(000000)	Ratio: 7.96 Passed ⁶	Ratio: 5.80 AA ¹ AAA 18pt ⁴	Ratio: 4.15 AA 18pt ²	Ratio: 2.94 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.17 Failed ⁵	

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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