

Converting Colors - WCAG Matrix

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

Hex(009147) Hex(00BD5C) Hex(00918F) Hex(404744) Hex(008742) Hex(000804)

Hex(009147)		Ratio: 1.64 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 2.33 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 4.96 AA ¹ AAA 18pt ⁴
Hex(00BD5C)	Ratio: 1.64 Failed ⁵		Ratio: 1.55 Failed ⁵	Ratio: 3.83 AA 18pt ²	Ratio: 1.86 Failed ⁵	Ratio: 8.14 Passed ⁶
Hex(00918F)	Ratio: 1.06 Failed ⁵	Ratio: 1.55 Failed ⁵		Ratio: 2.47 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 5.26 AA ¹ AAA 18pt ⁴
Hex(404744)	Ratio: 2.33 Failed ⁵	Ratio: 3.83 AA 18pt ²	Ratio: 2.47 Failed ⁵		Ratio: 2.06 Failed ⁵	Ratio: 2.13 Failed ⁵
Hex(008742)	Ratio: 1.13 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 2.06 Failed ⁵		Ratio: 4.38 AA 18pt ²
Hex(000804)	Ratio: 4.96 AA ¹ AAA 18pt ⁴	Ratio: 8.14 Passed ⁶	Ratio: 5.26 AA ¹ AAA 18pt ⁴	Ratio: 2.13 Failed ⁵	Ratio: 4.38 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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