

Converting Colors - WCAG Matrix

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

	Hex(009579)	Hex(007B60)	Hex(006148)	Hex(004832)	Hex(00311D)	Hex(001904)	Hex(000000)
Hex(009579)		Ratio: 1.39 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 2.83 Failed ⁵	Ratio: 3.83 AA 18pt ²	Ratio: 4.89 AA ¹ AAA 18pt ⁴	Ratio: 5.57 AA ¹ AAA 18pt ⁴
Hex(007B60)	Ratio: 1.39 Failed ⁵		Ratio: 1.43 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 2.75 Failed ⁵	Ratio: 3.51 AA 18pt ²	Ratio: 4.00 AA 18pt ²
Hex(006148)	Ratio: 1.99 Failed ⁵	Ratio: 1.43 Failed ⁵		Ratio: 1.42 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 2.46 Failed ⁵	Ratio: 2.80 Failed ⁵
Hex(004832)	Ratio: 2.83 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 1.42 Failed ⁵		Ratio: 1.35 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.97 Failed ⁵
Hex(00311D)	Ratio: 3.83 AA 18pt ²	Ratio: 2.75 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 1.35 Failed ⁵		Ratio: 1.28 Failed ⁵	Ratio: 1.46 Failed ⁵
Hex(001904)	Ratio: 4.89 AA ¹ AAA 18pt ⁴	Ratio: 3.51 AA 18pt ²	Ratio: 2.46 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.28 Failed ⁵		Ratio: 1.14 Failed ⁵
Hex(000000)	Ratio: 5.57 AA ¹ AAA 18pt ⁴	Ratio: 4.00 AA 18pt ²	Ratio: 2.80 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.14 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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