

Converting Colors - WCAG Matrix

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

	Hex(00B39F)	Hex(009885)	Hex(007D6C)	Hex(006354)	Hex(004B3D)	Hex(003327)	Hex(001C12)	Hex(000000)
Hex(00B39F)		Ratio: 1.36 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 2.73 Failed ⁵	Ratio: 3.83 AA 18pt ²	Ratio: 5.29 AA ¹ AAA 18pt ⁴	Ratio: 6.77 AA ¹ AAA 18pt ⁴	Ratio: 7.95 Passed ⁶
Hex(009885)	Ratio: 1.36 Failed ⁵		Ratio: 1.40 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 2.81 Failed ⁵	Ratio: 3.88 AA 18pt ²	Ratio: 4.96 AA ¹ AAA 18pt ⁴	Ratio: 5.83 AA ¹ AAA 18pt ⁴
Hex(007D6C)	Ratio: 1.92 Failed ⁵	Ratio: 1.40 Failed ⁵		Ratio: 1.42 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 2.76 Failed ⁵	Ratio: 3.53 AA 18pt ²	Ratio: 4.15 AA 18pt ²
Hex(006354)	Ratio: 2.73 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 1.42 Failed ⁵		Ratio: 1.40 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 2.48 Failed ⁵	Ratio: 2.91 Failed ⁵
Hex(004B3D)	Ratio: 3.83 AA 18pt ²	Ratio: 2.81 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 1.40 Failed ⁵		Ratio: 1.38 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 2.07 Failed ⁵
Hex(003327)	Ratio: 5.29 AA ¹ AAA 18pt ⁴	Ratio: 3.88 AA 18pt ²	Ratio: 2.76 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 1.38 Failed ⁵		Ratio: 1.28 Failed ⁵	Ratio: 1.50 Failed ⁵
Hex(001C12)	Ratio: 6.77 AA ¹ AAA 18pt ⁴	Ratio: 4.96 AA ¹ AAA 18pt ⁴	Ratio: 3.53 AA 18pt ²	Ratio: 2.48 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.28 Failed ⁵		Ratio: 1.17 Failed ⁵
Hex(000000)	Ratio: 7.95 Passed ⁶	Ratio: 5.83 AA ¹ AAA 18pt ⁴	Ratio: 4.15 AA 18pt ²	Ratio: 2.91 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 1.50 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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