

Converting Colors - WCAG Matrix

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

	Hex(00B8A5)	Hex(009C8B)	Hex(008272)	Hex(006859)	Hex(004F42)	Hex(00372C)	Hex(002117)	Hex(000000)
Hex(00B8A5)		Ratio: 1.37 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 2.69 Failed ⁵	Ratio: 3.82 AA 18pt ²	Ratio: 5.31 AA ¹ AAA 18pt ⁴	Ratio: 6.83 AA ¹ AAA 18pt ⁴	Ratio: 8.40 Passed ⁶
Hex(009C8B)	Ratio: 1.37 Failed ⁵		Ratio: 1.38 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 2.79 Failed ⁵	Ratio: 3.87 AA 18pt ²	Ratio: 4.98 AA ¹ AAA 18pt ⁴	Ratio: 6.13 AA ¹ AAA 18pt ⁴
Hex(008272)	Ratio: 1.89 Failed ⁵	Ratio: 1.38 Failed ⁵		Ratio: 1.42 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 2.80 Failed ⁵	Ratio: 3.61 AA 18pt ²	Ratio: 4.44 AA 18pt ²
Hex(006859)	Ratio: 2.69 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 1.42 Failed ⁵		Ratio: 1.42 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 2.54 Failed ⁵	Ratio: 3.12 AA 18pt ²
Hex(004F42)	Ratio: 3.82 AA 18pt ²	Ratio: 2.79 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 1.42 Failed ⁵		Ratio: 1.39 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 2.20 Failed ⁵
Hex(00372C)	Ratio: 5.31 AA ¹ AAA 18pt ⁴	Ratio: 3.87 AA 18pt ²	Ratio: 2.80 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 1.39 Failed ⁵		Ratio: 1.29 Failed ⁵	Ratio: 1.58 Failed ⁵
Hex(002117)	Ratio: 6.83 AA ¹ AAA 18pt ⁴	Ratio: 4.98 AA ¹ AAA 18pt ⁴	Ratio: 3.61 AA 18pt ²	Ratio: 2.54 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.29 Failed ⁵		Ratio: 1.23 Failed ⁵
Hex(000000)	Ratio: 8.40 Passed ⁶	Ratio: 6.13 AA ¹ AAA 18pt ⁴	Ratio: 4.44 AA 18pt ²	Ratio: 3.12 AA 18pt ²	Ratio: 2.20 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.23 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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