

Converting Colors - WCAG Matrix

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

	Hex(57AD8C)	Hex(3B9273)	Hex(1B785A)	Hex(005F43)	Hex(00472D)	Hex(002F18)	Hex(001A00)	Hex(000000)
Hex(57AD8C)		Ratio: 1.40 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 2.86 Failed ⁵	Ratio: 4.00 AA 18pt ²	Ratio: 5.47 AA ¹ AAA 18pt ⁴	Ratio: 6.76 AA ¹ AAA 18pt ⁴	Ratio: 7.76 Passed ⁶
Hex(3B9273)	Ratio: 1.40 Failed ⁵		Ratio: 1.43 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 2.86 Failed ⁵	Ratio: 3.91 AA 18pt ²	Ratio: 4.83 AA ¹ AAA 18pt ⁴	Ratio: 5.54 AA ¹ AAA 18pt ⁴
Hex(1B785A)	Ratio: 2.00 Failed ⁵	Ratio: 1.43 Failed ⁵		Ratio: 1.43 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 2.73 Failed ⁵	Ratio: 3.38 AA 18pt ²	Ratio: 3.88 AA 18pt ²
Hex(005F43)	Ratio: 2.86 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 1.43 Failed ⁵		Ratio: 1.40 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 2.37 Failed ⁵	Ratio: 2.72 Failed ⁵
Hex(00472D)	Ratio: 4.00 AA 18pt ²	Ratio: 2.86 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 1.40 Failed ⁵		Ratio: 1.37 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.94 Failed ⁵
Hex(002F18)	Ratio: 5.47 AA ¹ AAA 18pt ⁴	Ratio: 3.91 AA 18pt ²	Ratio: 2.73 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.37 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 1.42 Failed ⁵
Hex(001A00)	Ratio: 6.76 AA ¹ AAA 18pt ⁴	Ratio: 4.83 AA ¹ AAA 18pt ⁴	Ratio: 3.38 AA 18pt ²	Ratio: 2.37 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 1.15 Failed ⁵
Hex(000000)	Ratio: 7.76 Passed ⁶	Ratio: 5.54 AA ¹ AAA 18pt ⁴	Ratio: 3.88 AA 18pt ²	Ratio: 2.72 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.15 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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