

Converting Colors - WCAG Matrix

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

Hex(779700) Hex(B8C489) Hex(971F00) Hex(5C6340) Hex(E3E3E3) Hex(636363)

Hex(779700)		Ratio: 1.82 Failed ⁵	Ratio: 2.47 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 2.63 Failed ⁵
Hex(B8C489)	Ratio: 1.82 Failed ⁵		Ratio: 4.50 AA ¹ AAA 18pt ⁴	Ratio: 3.41 AA 18pt ²	Ratio: 1.45 Failed ⁵
Hex(971F00)	Ratio: 2.47 Failed ⁵	Ratio: 4.50 AA ¹ AAA 18pt ⁴		Ratio: 1.32 Failed ⁵	Ratio: 6.51 AA ¹ AAA 18pt ⁴
Hex(5C6340)	Ratio: 1.87 Failed ⁵	Ratio: 3.41 AA 18pt ²	Ratio: 1.32 Failed ⁵		Ratio: 4.94 AA ¹ AAA 18pt ⁴
Hex(E3E3E3)	Ratio: 2.63 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 6.51 AA ¹ AAA 18pt ⁴	Ratio: 4.94 AA ¹ AAA 18pt ⁴	
Hex(636363)	Ratio: 1.78 Failed ⁵	Ratio: 3.23 AA 18pt ²	Ratio: 1.39 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 4.68 AA ¹ AAA 18pt ⁴

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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