

Converting Colors - WCAG Matrix

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

Hex(309305) Hex(99BF88) Hex(936605) Hex(49613F) Hex(E0E0E0) Hex(616161)

Hex(309305)		Ratio: 1.92 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 3.00 AA 18pt ²	Ratio: 1.56 Failed ⁵
Hex(99BF88)	Ratio: 1.92 Failed ⁵		Ratio: 2.45 Failed ⁵	Ratio: 3.32 AA 18pt ²	Ratio: 1.57 Failed ⁵	Ratio: 3.00 AA 18pt ²
Hex(936605)	Ratio: 1.28 Failed ⁵	Ratio: 2.45 Failed ⁵		Ratio: 1.35 Failed ⁵	Ratio: 3.84 AA 18pt ²	Ratio: 1.22 Failed ⁵
Hex(49613F)	Ratio: 1.73 Failed ⁵	Ratio: 3.32 AA 18pt ²	Ratio: 1.35 Failed ⁵		Ratio: 5.19 AA ¹ AAA 18pt ⁴	Ratio: 1.11 Failed ⁵
Hex(E0E0E0)	Ratio: 3.00 AA 18pt ²	Ratio: 1.57 Failed ⁵	Ratio: 3.84 AA 18pt ²	Ratio: 5.19 AA ¹ AAA 18pt ⁴		Ratio: 4.69 AA ¹ AAA 18pt ⁴
Hex(616161)	Ratio: 1.56 Failed ⁵	Ratio: 3.00 AA 18pt ²	Ratio: 1.22 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 4.69 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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