

Converting Colors - WCAG Matrix

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

Hex(90961A) Hex(C2C493) Hex(961E1A) Hex(626346) Hex(E3E3E3) Hex(636363)

	Hex(90961A)	Hex(C2C493)	Hex(961E1A)	Hex(626346)	Hex(E3E3E3)	Hex(636363)
Hex(90961A)		Ratio: 1.77 Failed ⁵	Ratio: 2.63 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 2.49 Failed ⁵	Ratio: 1.88 Failed ⁵
Hex(C2C493)	Ratio: 1.77 Failed ⁵		Ratio: 4.65 AA ¹ AAA 18pt ⁴	Ratio: 3.42 AA 18pt ²	Ratio: 1.41 Failed ⁵	Ratio: 3.32 AA 18pt ²
Hex(961E1A)	Ratio: 2.63 Failed ⁵	Ratio: 4.65 AA ¹ AAA 18pt ⁴		Ratio: 1.36 Failed ⁵	Ratio: 6.55 AA ¹ AAA 18pt ⁴	Ratio: 1.40 Failed ⁵
Hex(626346)	Ratio: 1.93 Failed ⁵	Ratio: 3.42 AA 18pt ²	Ratio: 1.36 Failed ⁵		Ratio: 4.82 AA ¹ AAA 18pt ⁴	Ratio: 1.03 Failed ⁵
Hex(E3E3E3)	Ratio: 2.49 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 6.55 AA ¹ AAA 18pt ⁴	Ratio: 4.82 AA ¹ AAA 18pt ⁴		Ratio: 4.68 AA ¹ AAA 18pt ⁴
Hex(636363)	Ratio: 1.88 Failed ⁵	Ratio: 3.32 AA 18pt ²	Ratio: 1.40 Failed ⁵	Ratio: 1.03 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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