

Converting Colors - WCAG Matrix

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

Hex(92961A) Hex(C3C493) Hex(961E1A) Hex(626346) Hex(E3E3E3) Hex(636363)

	Hex(92961A)	Hex(C3C493)	Hex(961E1A)	Hex(626346)	Hex(E3E3E3)	Hex(636363)
Hex(92961A)		Ratio: 1.76 Failed ⁵	Ratio: 2.64 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 2.48 Failed ⁵	Ratio: 1.89 Failed ⁵
Hex(C3C493)	Ratio: 1.76 Failed ⁵		Ratio: 4.66 AA ¹ AAA 18pt ⁴	Ratio: 3.43 AA 18pt ²	Ratio: 1.41 Failed ⁵	Ratio: 3.33 AA 18pt ²
Hex(961E1A)	Ratio: 2.64 Failed ⁵	Ratio: 4.66 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: 1.95 Failed ⁵	Ratio: 3.43 AA 18pt ²	Ratio: 1.36 Failed ⁵		Ratio: 4.82 AA ¹ AAA 18pt ⁴	Ratio: 1.03 Failed ⁵
Hex(E3E3E3)	Ratio: 2.48 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: 1.89 Failed ⁵	Ratio: 3.33 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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