

Converting Colors - WCAG Matrix

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

Hex(549300) Hex(A7BF86) Hex(933D00) Hex(52613E) Hex(E0E0E0) Hex(616161)

	Hex(549300)	Hex(A7BF86)	Hex(933D00)	Hex(52613E)	Hex(E0E0E0)	Hex(616161)
Hex(549300)		Ratio: 1.88 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 2.87 Failed ⁵	Ratio: 1.64 Failed ⁵
Hex(A7BF86)	Ratio: 1.88 Failed ⁵		Ratio: 3.59 AA 18pt ²	Ratio: 3.33 AA 18pt ²	Ratio: 1.52 Failed ⁵	Ratio: 3.08 AA 18pt ²
Hex(933D00)	Ratio: 1.91 Failed ⁵	Ratio: 3.59 AA 18pt ²		Ratio: 1.08 Failed ⁵	Ratio: 5.47 AA ¹ AAA 18pt ⁴	Ratio: 1.17 Failed ⁵
Hex(52613E)	Ratio: 1.77 Failed ⁵	Ratio: 3.33 AA 18pt ²	Ratio: 1.08 Failed ⁵		Ratio: 5.07 AA ¹ AAA 18pt ⁴	Ratio: 1.08 Failed ⁵
Hex(E0E0E0)	Ratio: 2.87 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 5.47 AA ¹ AAA 18pt ⁴	Ratio: 5.07 AA ¹ AAA 18pt ⁴		Ratio: 4.69 AA ¹ AAA 18pt ⁴
Hex(616161)	Ratio: 1.64 Failed ⁵	Ratio: 3.08 AA 18pt ²	Ratio: 1.17 Failed ⁵	Ratio: 1.08 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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