

Converting Colors - WCAG Matrix

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

Hex(5CAE32) Hex(62E320) Hex(32AE45) Hex(51574E) Hex(339600) Hex(081700)

Hex(5CAE32)		Ratio: 1.66 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 2.68 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 6.67 AA ¹ AAA 18pt ⁴
Hex(62E320)	Ratio: 1.66 Failed ⁵		Ratio: 1.72 Failed ⁵	Ratio: 4.44 AA 18pt ²	Ratio: 2.28 Failed ⁵	Ratio: 11.06 Passed ⁶
Hex(32AE45)	Ratio: 1.04 Failed ⁵	Ratio: 1.72 Failed ⁵		Ratio: 2.58 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 6.42 AA ¹ AAA 18pt ⁴
Hex(51574E)	Ratio: 2.68 Failed ⁵	Ratio: 4.44 AA 18pt ²	Ratio: 2.58 Failed ⁵		Ratio: 1.95 Failed ⁵	Ratio: 2.49 Failed ⁵
Hex(339600)	Ratio: 1.37 Failed ⁵	Ratio: 2.28 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.95 Failed ⁵		Ratio: 4.86 AA ¹ AAA 18pt ⁴
Hex(081700)	Ratio: 6.67 AA ¹ AAA 18pt ⁴	Ratio: 11.06 Passed ⁶	Ratio: 6.42 AA ¹ AAA 18pt ⁴	Ratio: 2.49 Failed ⁵	Ratio: 4.86 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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