

Converting Colors - WCAG Matrix

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

Hex(344515) Hex(535947) Hex(452615) Hex(2A2E22) Hex(ADADAD) Hex(2E2E2E)

	Hex(344515)	Hex(535947)	Hex(452615)	Hex(2A2E22)	Hex(ADADAD)	Hex(2E2E2E)
Hex(344515)		Ratio: 1.44 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 4.66 AA ¹ AAA 18pt ⁴	Ratio: 1.30 Failed ⁵
Hex(535947)	Ratio: 1.44 Failed ⁵		Ratio: 1.87 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 3.24 AA 18pt ²	Ratio: 1.87 Failed ⁵
Hex(452615)	Ratio: 1.30 Failed ⁵	Ratio: 1.87 Failed ⁵		Ratio: 1.02 Failed ⁵	Ratio: 6.07 AA ¹ AAA 18pt ⁴	Ratio: 1.00 Failed ⁵
Hex(2A2E22)	Ratio: 1.33 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.02 Failed ⁵		Ratio: 6.19 AA ¹ AAA 18pt ⁴	Ratio: 1.02 Failed ⁵
Hex(ADADAD)	Ratio: 4.66 AA ¹ AAA 18pt ⁴	Ratio: 3.24 AA 18pt ²	Ratio: 6.07 AA ¹ AAA 18pt ⁴	Ratio: 6.19 AA ¹ AAA 18pt ⁴		Ratio: 6.05 AA ¹ AAA 18pt ⁴
Hex(2E2E2E)	Ratio: 1.30 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 6.05 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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