

Converting Colors - WCAG Matrix

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

Hex(442F00) Hex(59513E) Hex(440016) Hex(2E291D) Hex(ADADAD) Hex(2E2E2E)

	Hex(442F00)	Hex(59513E)	Hex(440016)	Hex(2E291D)	Hex(ADADAD)	Hex(2E2E2E)
Hex(442F00)		Ratio: 1.62 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 5.66 AA ¹ AAA 18pt ⁴	Ratio: 1.07 Failed ⁵
Hex(59513E)	Ratio: 1.62 Failed ⁵		Ratio: 2.12 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 3.50 AA 18pt ²	Ratio: 1.73 Failed ⁵
Hex(440016)	Ratio: 1.31 Failed ⁵	Ratio: 2.12 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 7.44 Passed ⁶	Ratio: 1.23 Failed ⁵
Hex(2E291D)	Ratio: 1.14 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 6.45 AA ¹ AAA 18pt ⁴	Ratio: 1.07 Failed ⁵
Hex(ADADAD)	Ratio: 5.66 AA ¹ AAA 18pt ⁴	Ratio: 3.50 AA 18pt ²	Ratio: 7.44 Passed ⁶	Ratio: 6.45 AA ¹ AAA 18pt ⁴		Ratio: 6.05 AA ¹ AAA 18pt ⁴
Hex(2E2E2E)	Ratio: 1.07 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.07 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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