

Converting Colors - WCAG Matrix

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

Hex(451815) Hex(594847) Hex(451543) Hex(2E2322) Hex(ADADAD) Hex(2E2E2E)

	Hex(451815)	Hex(594847)	Hex(451543)	Hex(2E2322)	Hex(ADADAD)	Hex(2E2E2E)
Hex(451815)		Ratio: 1.75 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 6.71 AA ¹ AAA 18pt ⁴	Ratio: 1.11 Failed ⁵
Hex(594847)	Ratio: 1.75 Failed ⁵		Ratio: 1.69 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 3.83 AA 18pt ²	Ratio: 1.58 Failed ⁵
Hex(451543)	Ratio: 1.03 Failed ⁵	Ratio: 1.69 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 6.49 AA ¹ AAA 18pt ⁴	Ratio: 1.07 Failed ⁵
Hex(2E2322)	Ratio: 1.01 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 6.78 AA ¹ AAA 18pt ⁴	Ratio: 1.12 Failed ⁵
Hex(ADADAD)	Ratio: 6.71 AA ¹ AAA 18pt ⁴	Ratio: 3.83 AA 18pt ²	Ratio: 6.49 AA ¹ AAA 18pt ⁴	Ratio: 6.78 AA ¹ AAA 18pt ⁴		Ratio: 6.05 AA ¹ AAA 18pt ⁴
Hex(2E2E2E)	Ratio: 1.11 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.12 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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