

Converting Colors - WCAG Matrix

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

Hex(460003) Hex(5C4041) Hex(420046) Hex(2E1D1E) Hex(ADADAD) Hex(2E2E2E)

	Hex(460003)	Hex(5C4041)	Hex(420046)	Hex(2E1D1E)	Hex(ADADAD)	Hex(2E2E2E)
Hex(460003)		Ratio: 1.79 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 7.42 Passed ⁶	Ratio: 1.23 Failed ⁵
Hex(5C4041)	Ratio: 1.79 Failed ⁵		Ratio: 1.72 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 4.13 AA 18pt ²	Ratio: 1.46 Failed ⁵
Hex(420046)	Ratio: 1.05 Failed ⁵	Ratio: 1.72 Failed ⁵		Ratio: 1.01 Failed ⁵	Ratio: 7.09 Passed ⁶	Ratio: 1.17 Failed ⁵
Hex(2E1D1E)	Ratio: 1.04 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.01 Failed ⁵		Ratio: 7.14 Passed ⁶	Ratio: 1.18 Failed ⁵
Hex(ADADAD)	Ratio: 7.42 Passed ⁶	Ratio: 4.13 AA 18pt ²	Ratio: 7.09 Passed ⁶	Ratio: 7.14 Passed ⁶		Ratio: 6.05 AA ¹ AAA 18pt ⁴
Hex(2E2E2E)	Ratio: 1.23 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.18 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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