

Converting Colors - WCAG Matrix

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

Hex(450000) Hex(593E3E) Hex(450045) Hex(2E1D1D) Hex(ADADAD) Hex(2E2E2E)

	Hex(450000)	Hex(593E3E)	Hex(450045)	Hex(2E1D1D)	Hex(ADADAD)	Hex(2E2E2E)
Hex(450000)		Ratio: 1.74 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 7.47 Passed ⁶	Ratio: 1.23 Failed ⁵
Hex(593E3E)	Ratio: 1.74 Failed ⁵		Ratio: 1.63 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 4.29 AA 18pt ²	Ratio: 1.41 Failed ⁵
Hex(450045)	Ratio: 1.07 Failed ⁵	Ratio: 1.63 Failed ⁵		Ratio: 1.02 Failed ⁵	Ratio: 6.99 AA ¹ AAA 18pt ⁴	Ratio: 1.15 Failed ⁵
Hex(2E1D1D)	Ratio: 1.05 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.02 Failed ⁵		Ratio: 7.15 Passed ⁶	Ratio: 1.18 Failed ⁵
Hex(ADADAD)	Ratio: 7.47 Passed ⁶	Ratio: 4.29 AA 18pt ²	Ratio: 6.99 AA ¹ AAA 18pt ⁴	Ratio: 7.15 Passed ⁶		Ratio: 6.05 AA ¹ AAA 18pt ⁴
Hex(2E2E2E)	Ratio: 1.23 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.15 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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