

Converting Colors - WCAG Matrix

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

Hex(4A2E2E) Hex(613333) Hex(4A3D2E) Hex(262121) Hex(660000) Hex(E60000)

	Hex(4A2E2E)	Hex(613333)	Hex(4A3D2E)	Hex(262121)	Hex(660000)	Hex(E60000)
Hex(4A2E2E)		Ratio: 1.18 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 2.54 Failed ⁵
Hex(613333)	Ratio: 1.18 Failed ⁵		Ratio: 1.02 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 2.15 Failed ⁵
Hex(4A3D2E)	Ratio: 1.16 Failed ⁵	Ratio: 1.02 Failed ⁵		Ratio: 1.51 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 2.18 Failed ⁵
Hex(262121)	Ratio: 1.30 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.51 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 3.30 AA 18pt ²
Hex(660000)	Ratio: 1.10 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 2.79 Failed ⁵
Hex(E60000)	Ratio: 2.54 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 2.18 Failed ⁵	Ratio: 3.30 AA 18pt ²	Ratio: 2.79 Failed ⁵	

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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