

Converting Colors - WCAG Matrix

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

Hex(4E1C20) Hex(66171E) Hex(1C394E) Hex(262223) Hex(660008) Hex(E60012)

	Hex(4E1C20)	Hex(66171E)	Hex(1C394E)	Hex(262223)	Hex(660008)	Hex(E60012)
Hex(4E1C20)		Ratio: 1.13 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 2.89 Failed ⁵
Hex(66171E)	Ratio: 1.13 Failed ⁵		Ratio: 1.02 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 2.56 Failed ⁵
Hex(1C394E)	Ratio: 1.15 Failed ⁵	Ratio: 1.02 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 2.51 Failed ⁵
Hex(262223)	Ratio: 1.13 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 3.27 AA 18pt ²
Hex(660008)	Ratio: 1.04 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 2.79 Failed ⁵
Hex(E60012)	Ratio: 2.89 Failed ⁵	Ratio: 2.56 Failed ⁵	Ratio: 2.51 Failed ⁵	Ratio: 3.27 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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