

Converting Colors - WCAG Matrix

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

Hex(462E34) Hex(5C3640) Hex(40462E) Hex(242021) Hex(630019) Hex(E30039)

	Hex(462E34)	Hex(5C3640)	Hex(40462E)	Hex(242021)	Hex(630019)	Hex(E30039)
Hex(462E34)		Ratio: 1.21 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 2.54 Failed ⁵
Hex(5C3640)	Ratio: 1.21 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 2.10 Failed ⁵
Hex(40462E)	Ratio: 1.25 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 1.64 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 2.03 Failed ⁵
Hex(242021)	Ratio: 1.30 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.64 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 3.32 AA 18pt ²
Hex(630019)	Ratio: 1.10 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 2.80 Failed ⁵
Hex(E30039)	Ratio: 2.54 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 3.32 AA 18pt ²	Ratio: 2.80 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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