

Converting Colors - WCAG Matrix

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

Hex(463039) Hex(5C3947) Hex(304632) Hex(242022) Hex(630029) Hex(E3005D)

	Hex(463039)	Hex(5C3947)	Hex(304632)	Hex(242022)	Hex(630029)	Hex(E3005D)
Hex(463039)		Ratio: 1.22 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 2.54 Failed ⁵
Hex(5C3947)	Ratio: 1.22 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 2.08 Failed ⁵
Hex(304632)	Ratio: 1.18 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 1.57 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 2.16 Failed ⁵
Hex(242022)	Ratio: 1.34 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.57 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 3.39 AA 18pt ²
Hex(630029)	Ratio: 1.11 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 2.83 Failed ⁵
Hex(E3005D)	Ratio: 2.54 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 2.16 Failed ⁵	Ratio: 3.39 AA 18pt ²	Ratio: 2.83 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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