

Converting Colors - WCAG Matrix

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

Hex(453B39) Hex(594A47) Hex(454139) Hex(242120) Hex(631100) Hex(E32600)

	Hex(453B39)	Hex(594A47)	Hex(454139)	Hex(242120)	Hex(631100)	Hex(E32600)
Hex(453B39)		Ratio: 1.29 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 2.34 Failed ⁵
Hex(594A47)	Ratio: 1.29 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.82 Failed ⁵
Hex(454139)	Ratio: 1.07 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.57 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 2.20 Failed ⁵
Hex(242120)	Ratio: 1.48 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 1.57 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 3.46 AA 18pt ²
Hex(631100)	Ratio: 1.20 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 2.82 Failed ⁵
Hex(E32600)	Ratio: 2.34 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 2.20 Failed ⁵	Ratio: 3.46 AA 18pt ²	Ratio: 2.82 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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