

Converting Colors - WCAG Matrix

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

Hex(423238) Hex(573E47) Hex(423432) Hex(211E1F) Hex(610024) Hex(E00054)

	Hex(423238)	Hex(573E47)	Hex(423432)	Hex(211E1F)	Hex(610024)	Hex(E00054)
Hex(423238)		Ratio: 1.25 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 2.46 Failed ⁵
Hex(573E47)	Ratio: 1.25 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.97 Failed ⁵
Hex(423432)	Ratio: 1.01 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 1.39 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 2.43 Failed ⁵
Hex(211E1F)	Ratio: 1.37 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.39 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 3.38 AA 18pt ²
Hex(610024)	Ratio: 1.14 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 2.80 Failed ⁵
Hex(E00054)	Ratio: 2.46 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 2.43 Failed ⁵	Ratio: 3.38 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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