

Converting Colors - WCAG Matrix

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

Hex(44212E) Hex(592236) Hex(214044) Hex(211E1F) Hex(610023) Hex(E00050)

	Hex(44212E)	Hex(592236)	Hex(214044)	Hex(211E1F)	Hex(610023)	Hex(E00050)
Hex(44212E)		Ratio: 1.14 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 2.85 Failed ⁵
Hex(592236)	Ratio: 1.14 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 2.51 Failed ⁵
Hex(214044)	Ratio: 1.25 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 1.48 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 2.28 Failed ⁵
Hex(211E1F)	Ratio: 1.18 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.48 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 3.37 AA 18pt ²
Hex(610023)	Ratio: 1.02 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 2.80 Failed ⁵
Hex(E00050)	Ratio: 2.85 Failed ⁵	Ratio: 2.51 Failed ⁵	Ratio: 2.28 Failed ⁵	Ratio: 3.37 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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