

Converting Colors - WCAG Matrix

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

Hex(470345) Hex(5C0059) Hex(472603) Hex(242124) Hex(630061) Hex(E300DB)

	Hex(470345)	Hex(5C0059)	Hex(472603)	Hex(242124)	Hex(630061)	Hex(E300DB)
Hex(470345)		Ratio: 1.17 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 3.87 AA 18pt ²
Hex(5C0059)	Ratio: 1.17 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 3.31 AA 18pt ²
Hex(472603)	Ratio: 1.13 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 3.42 AA 18pt ²
Hex(242124)	Ratio: 1.04 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.29 Failed ⁵	Ratio: 4.01 AA 18pt ²
Hex(630061)	Ratio: 1.25 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.29 Failed ⁵		Ratio: 3.11 AA 18pt ²
Hex(E300DB)	Ratio: 3.87 AA 18pt ²	Ratio: 3.31 AA 18pt ²	Ratio: 3.42 AA 18pt ²	Ratio: 4.01 AA 18pt ²	Ratio: 3.11 AA 18pt ²	

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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