

Converting Colors - WCAG Matrix

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

Hex(4D0042) Hex(630056) Hex(4D001C) Hex(262226) Hex(660058) Hex(E600C7)

	Hex(4D0042)	Hex(630056)	Hex(4D001C)	Hex(262226)	Hex(660058)	Hex(E600C7)
Hex(4D0042)		Ratio: 1.19 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 3.72 AA 18pt ²
Hex(630056)	Ratio: 1.19 Failed ⁵		Ratio: 1.25 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 3.12 AA 18pt ²
Hex(4D001C)	Ratio: 1.05 Failed ⁵	Ratio: 1.25 Failed ⁵		Ratio: 1.01 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 3.89 AA 18pt ²
Hex(262226)	Ratio: 1.04 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.01 Failed ⁵		Ratio: 1.27 Failed ⁵	Ratio: 3.87 AA 18pt ²
Hex(660058)	Ratio: 1.22 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.27 Failed ⁵		Ratio: 3.04 AA 18pt ²
Hex(E600C7)	Ratio: 3.72 AA 18pt ²	Ratio: 3.12 AA 18pt ²	Ratio: 3.89 AA 18pt ²	Ratio: 3.87 AA 18pt ²	Ratio: 3.04 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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