

Converting Colors - WCAG Matrix

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

Hex(4D004A) Hex(630060) Hex(4D2900) Hex(262226) Hex(660062) Hex(E600DD)

	Hex(4D004A)	Hex(630060)	Hex(4D2900)	Hex(262226)	Hex(660062)	Hex(E600DD)
Hex(4D004A)		Ratio: 1.20 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 3.82 AA 18pt ²
Hex(630060)	Ratio: 1.20 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 3.18 AA 18pt ²
Hex(4D2900)	Ratio: 1.15 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 3.31 AA 18pt ²
Hex(262226)	Ratio: 1.06 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.30 Failed ⁵	Ratio: 4.04 AA 18pt ²
Hex(660062)	Ratio: 1.23 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.30 Failed ⁵		Ratio: 3.11 AA 18pt ²
Hex(E600DD)	Ratio: 3.82 AA 18pt ²	Ratio: 3.18 AA 18pt ²	Ratio: 3.31 AA 18pt ²	Ratio: 4.04 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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