

Converting Colors - WCAG Matrix

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

Hex(4D003F) Hex(630051) Hex(004D33) Hex(262226) Hex(660053) Hex(E600BC)

	Hex(4D003F)	Hex(630051)	Hex(004D33)	Hex(262226)	Hex(660053)	Hex(E600BC)
Hex(4D003F)		Ratio: 1.19 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 3.67 AA 18pt ²
Hex(630051)	Ratio: 1.19 Failed ⁵		Ratio: 1.28 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 3.09 AA 18pt ²
Hex(004D33)	Ratio: 1.52 Failed ⁵	Ratio: 1.28 Failed ⁵		Ratio: 1.58 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 2.41 Failed ⁵
Hex(262226)	Ratio: 1.04 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.58 Failed ⁵		Ratio: 1.26 Failed ⁵	Ratio: 3.80 AA 18pt ²
Hex(660053)	Ratio: 1.22 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.26 Failed ⁵		Ratio: 3.01 AA 18pt ²
Hex(E600BC)	Ratio: 3.67 AA 18pt ²	Ratio: 3.09 AA 18pt ²	Ratio: 2.41 Failed ⁵	Ratio: 3.80 AA 18pt ²	Ratio: 3.01 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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