

Converting Colors - WCAG Matrix

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

Hex(4F004D) Hex(660064) Hex(264F00) Hex(292529) Hex(690066) Hex(E800E3)

	Hex(4F004D)	Hex(660064)	Hex(264F00)	Hex(292529)	Hex(690066)	Hex(E800E3)
Hex(4F004D)		Ratio: 1.21 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 3.85 AA 18pt ²
Hex(660064)	Ratio: 1.21 Failed ⁵		Ratio: 1.26 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 3.17 AA 18pt ²
Hex(264F00)	Ratio: 1.53 Failed ⁵	Ratio: 1.26 Failed ⁵		Ratio: 1.58 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 2.52 Failed ⁵
Hex(292529)	Ratio: 1.03 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.58 Failed ⁵		Ratio: 1.29 Failed ⁵	Ratio: 3.98 AA 18pt ²
Hex(690066)	Ratio: 1.25 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.29 Failed ⁵		Ratio: 3.09 AA 18pt ²
Hex(E800E3)	Ratio: 3.85 AA 18pt ²	Ratio: 3.17 AA 18pt ²	Ratio: 2.52 Failed ⁵	Ratio: 3.98 AA 18pt ²	Ratio: 3.09 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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