

Converting Colors - WCAG Matrix

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

Hex(4C0051) Hex(630069) Hex(51002E) Hex(292529) Hex(DC00E8)

	Hex(4C0051)	Hex(630069)	Hex(51002E)	Hex(292529)	Hex(DC00E8)
Hex(4C0051)		Ratio: 1.22 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 3.65 AA 18pt ²
Hex(630069)	Ratio: 1.22 Failed ⁵		Ratio: 1.25 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 3.00 AA 18pt ²
Hex(51002E)	Ratio: 1.03 Failed ⁵	Ratio: 1.25 Failed ⁵		Ratio: 1.00 Failed ⁵	Ratio: 3.75 AA 18pt ²
Hex(292529)	Ratio: 1.03 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.00 Failed ⁵		Ratio: 3.74 AA 18pt ²
Hex(DC00E8)	Ratio: 3.65 AA 18pt ²	Ratio: 3.00 AA 18pt ²	Ratio: 3.75 AA 18pt ²	Ratio: 3.74 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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