

Converting Colors - WCAG Matrix

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

Hex(510051) Hex(690069) Hex(512800) Hex(292529) Hex(E800E8)

	Hex(510051)	Hex(690069)	Hex(512800)	Hex(292529)	Hex(E800E8)
Hex(510051)		Ratio: 1.23 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 3.81 AA 18pt ²
Hex(690069)	Ratio: 1.23 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 3.10 AA 18pt ²
Hex(512800)	Ratio: 1.13 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 3.38 AA 18pt ²
Hex(292529)	Ratio: 1.06 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 4.02 AA 18pt ²
Hex(E800E8)	Ratio: 3.81 AA 18pt ²	Ratio: 3.10 AA 18pt ²	Ratio: 3.38 AA 18pt ²	Ratio: 4.02 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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