

Converting Colors - WCAG Matrix

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

Hex(4A003E) Hex(610051) Hex(4A0019) Hex(262226) Hex(660055) Hex(E600BF)

	Hex(4A003E)	Hex(610051)	Hex(4A0019)	Hex(262226)	Hex(660055)	Hex(E600BF)
Hex(4A003E)		Ratio: 1.20 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 3.76 AA 18pt ²
Hex(610051)	Ratio: 1.20 Failed ⁵		Ratio: 1.25 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 3.15 AA 18pt ²
Hex(4A0019)	Ratio: 1.04 Failed ⁵	Ratio: 1.25 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 3.92 AA 18pt ²
Hex(262226)	Ratio: 1.02 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 1.27 Failed ⁵	Ratio: 3.82 AA 18pt ²
Hex(660055)	Ratio: 1.25 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.27 Failed ⁵		Ratio: 3.02 AA 18pt ²
Hex(E600BF)	Ratio: 3.76 AA 18pt ²	Ratio: 3.15 AA 18pt ²	Ratio: 3.92 AA 18pt ²	Ratio: 3.82 AA 18pt ²	Ratio: 3.02 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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