

Converting Colors - WCAG Matrix

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

Hex(4F182A) Hex(66102C) Hex(4F2118) Hex(262224) Hex(660021) Hex(E6004B)

	Hex(4F182A)	Hex(66102C)	Hex(4F2118)	Hex(262224)	Hex(660021)	Hex(E6004B)
Hex(4F182A)		Ratio: 1.12 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 2.98 Failed ⁵
Hex(66102C)	Ratio: 1.12 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 2.67 Failed ⁵
Hex(4F2118)	Ratio: 1.04 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 2.86 Failed ⁵
Hex(262224)	Ratio: 1.12 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 3.34 AA 18pt ²
Hex(660021)	Ratio: 1.06 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 2.81 Failed ⁵
Hex(E6004B)	Ratio: 2.98 Failed ⁵	Ratio: 2.67 Failed ⁵	Ratio: 2.86 Failed ⁵	Ratio: 3.34 AA 18pt ²	Ratio: 2.81 Failed ⁵	

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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