

Converting Colors - WCAG Matrix

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

Hex(8C1AA3) Hex(B000D4) Hex(A31A75) Hex(4F4A52) Hex(780091) Hex(0F0012)

	Hex(8C1AA3)	Hex(B000D4)	Hex(A31A75)	Hex(4F4A52)	Hex(780091)	Hex(0F0012)
Hex(8C1AA3)		Ratio: 1.36 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 2.71 Failed ⁵
Hex(B000D4)	Ratio: 1.36 Failed ⁵		Ratio: 1.28 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 3.69 AA 18pt ²
Hex(A31A75)	Ratio: 1.06 Failed ⁵	Ratio: 1.28 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 2.88 Failed ⁵
Hex(4F4A52)	Ratio: 1.15 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 2.37 Failed ⁵
Hex(780091)	Ratio: 1.26 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 2.15 Failed ⁵
Hex(0F0012)	Ratio: 2.71 Failed ⁵	Ratio: 3.69 AA 18pt ²	Ratio: 2.88 Failed ⁵	Ratio: 2.37 Failed ⁵	Ratio: 2.15 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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