

Converting Colors - WCAG Matrix

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

Hex(140010) Hex(1A0015) Hex(140E00) Hex(0A090A) Hex(4A003C) Hex(C900A2)

	Hex(140010)	Hex(1A0015)	Hex(140E00)	Hex(0A090A)	Hex(4A003C)	Hex(C900A2)
Hex(140010)		Ratio: 1.02 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 3.86 AA 18pt ²
Hex(1A0015)	Ratio: 1.02 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 3.80 AA 18pt ²
Hex(140E00)	Ratio: 1.05 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 3.67 AA 18pt ²
Hex(0A090A)	Ratio: 1.02 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 1.28 Failed ⁵	Ratio: 3.79 AA 18pt ²
Hex(4A003C)	Ratio: 1.31 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.28 Failed ⁵		Ratio: 2.95 Failed ⁵
Hex(C900A2)	Ratio: 3.86 AA 18pt ²	Ratio: 3.80 AA 18pt ²	Ratio: 3.67 AA 18pt ²	Ratio: 3.79 AA 18pt ²	Ratio: 2.95 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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