

Converting Colors - WCAG Matrix

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

Hex(1A000A) Hex(21000D) Hex(1A0300) Hex(0D0B0C) Hex(4D001F) Hex(CC0052)

	Hex(1A000A)	Hex(21000D)	Hex(1A0300)	Hex(0D0B0C)	Hex(4D001F)	Hex(CC0052)
Hex(1A000A)		Ratio: 1.02 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 3.52 AA 18pt ²
Hex(21000D)	Ratio: 1.02 Failed ⁵		Ratio: 1.01 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 3.45 AA 18pt ²
Hex(1A0300)	Ratio: 1.01 Failed ⁵	Ratio: 1.01 Failed ⁵		Ratio: 1.01 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 3.49 AA 18pt ²
Hex(0D0B0C)	Ratio: 1.02 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 1.01 Failed ⁵		Ratio: 1.25 Failed ⁵	Ratio: 3.45 AA 18pt ²
Hex(4D001F)	Ratio: 1.27 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.25 Failed ⁵		Ratio: 2.76 Failed ⁵
Hex(CC0052)	Ratio: 3.52 AA 18pt ²	Ratio: 3.45 AA 18pt ²	Ratio: 3.49 AA 18pt ²	Ratio: 3.45 AA 18pt ²	Ratio: 2.76 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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