

Converting Colors - WCAG Matrix

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

Hex(18010C) Hex(1F000F) Hex(171801) Hex(0D0B0C) Hex(4C0024) Hex(CC0061)

	Hex(18010C)	Hex(1F000F)	Hex(171801)	Hex(0D0B0C)	Hex(4C0024)	Hex(CC0061)
Hex(18010C)		Ratio: 1.02 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 3.57 AA 18pt ²
Hex(1F000F)	Ratio: 1.02 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 3.51 AA 18pt ²
Hex(171801)	Ratio: 1.11 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 3.20 AA 18pt ²
Hex(0D0B0C)	Ratio: 1.02 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 1.25 Failed ⁵	Ratio: 3.49 AA 18pt ²
Hex(4C0024)	Ratio: 1.27 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.25 Failed ⁵		Ratio: 2.81 Failed ⁵
Hex(CC0061)	Ratio: 3.57 AA 18pt ²	Ratio: 3.51 AA 18pt ²	Ratio: 3.20 AA 18pt ²	Ratio: 3.49 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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