

Converting Colors - WCAG Matrix

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

Hex(180607) Hex(1F0305) Hex(180E06) Hex(0D0B0C) Hex(4D0004) Hex(CC000B)

	Hex(180607)	Hex(1F0305)	Hex(180E06)	Hex(0D0B0C)	Hex(4D0004)	Hex(CC000B)
Hex(180607)		Ratio: 1.01 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 3.34 AA 18pt ²
Hex(1F0305)	Ratio: 1.01 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 3.33 AA 18pt ²
Hex(180E06)	Ratio: 1.03 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 3.24 AA 18pt ²
Hex(0D0B0C)	Ratio: 1.00 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 3.34 AA 18pt ²
Hex(4D0004)	Ratio: 1.23 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 2.71 Failed ⁵
Hex(CC000B)	Ratio: 3.34 AA 18pt ²	Ratio: 3.33 AA 18pt ²	Ratio: 3.24 AA 18pt ²	Ratio: 3.34 AA 18pt ²	Ratio: 2.71 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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