

Converting Colors - WCAG Matrix

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

Hex(170608) Hex(1F0307) Hex(111706) Hex(0D0B0C) Hex(4D000A) Hex(CC001B)

	Hex(170608)	Hex(1F0307)	Hex(111706)	Hex(0D0B0C)	Hex(4D000A)	Hex(CC001B)
Hex(170608)		Ratio: 1.01 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 3.36 AA 18pt ²
Hex(1F0307)	Ratio: 1.01 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 3.34 AA 18pt ²
Hex(111706)	Ratio: 1.08 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 3.12 AA 18pt ²
Hex(0D0B0C)	Ratio: 1.00 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 3.35 AA 18pt ²
Hex(4D000A)	Ratio: 1.24 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 2.71 Failed ⁵
Hex(CC001B)	Ratio: 3.36 AA 18pt ²	Ratio: 3.34 AA 18pt ²	Ratio: 3.12 AA 18pt ²	Ratio: 3.35 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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