

Converting Colors - WCAG Matrix

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

Hex(1B1718) Hex(241D1F) Hex(1B1817) Hex(0D0B0C) Hex(4D0013) Hex(CC0033)

	Hex(1B1718)	Hex(241D1F)	Hex(1B1817)	Hex(0D0B0C)	Hex(4D0013)	Hex(CC0033)
Hex(1B1718)		Ratio: 1.07 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 3.06 AA 18pt ²
Hex(241D1F)	Ratio: 1.07 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 2.85 Failed ⁵
Hex(1B1817)	Ratio: 1.01 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 3.04 AA 18pt ²
Hex(0D0B0C)	Ratio: 1.10 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 3.38 AA 18pt ²
Hex(4D0013)	Ratio: 1.12 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 2.73 Failed ⁵
Hex(CC0033)	Ratio: 3.06 AA 18pt ²	Ratio: 2.85 Failed ⁵	Ratio: 3.04 AA 18pt ²	Ratio: 3.38 AA 18pt ²	Ratio: 2.73 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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