

Converting Colors - WCAG Matrix

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

Hex(1C1419) Hex(24181F) Hex(151C14) Hex(0D0B0C) Hex(4D0030) Hex(CC0080)

	Hex(1C1419)	Hex(24181F)	Hex(151C14)	Hex(0D0B0C)	Hex(4D0030)	Hex(CC0080)
Hex(1C1419)		Ratio: 1.05 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 3.33 AA 18pt ²
Hex(24181F)	Ratio: 1.05 Failed ⁵		Ratio: 1.01 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 3.17 AA 18pt ²
Hex(151C14)	Ratio: 1.04 Failed ⁵	Ratio: 1.01 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 3.21 AA 18pt ²
Hex(0D0B0C)	Ratio: 1.09 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.27 Failed ⁵	Ratio: 3.62 AA 18pt ²
Hex(4D0030)	Ratio: 1.17 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.27 Failed ⁵		Ratio: 2.86 Failed ⁵
Hex(CC0080)	Ratio: 3.33 AA 18pt ²	Ratio: 3.17 AA 18pt ²	Ratio: 3.21 AA 18pt ²	Ratio: 3.62 AA 18pt ²	Ratio: 2.86 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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