

Converting Colors - WCAG Matrix

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

Hex(181114) Hex(1F1418) Hex(181211) Hex(0D0B0C) Hex(4C001C) Hex(CC004B)

	Hex(181114)	Hex(1F1418)	Hex(181211)	Hex(0D0B0C)	Hex(4C001C)	Hex(CC004B)
Hex(181114)		Ratio: 1.04 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 3.25 AA 18pt ²
Hex(1F1418)	Ratio: 1.04 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 3.13 AA 18pt ²
Hex(181211)	Ratio: 1.00 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 3.24 AA 18pt ²
Hex(0D0B0C)	Ratio: 1.06 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 3.43 AA 18pt ²
Hex(4C001C)	Ratio: 1.17 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 2.77 Failed ⁵
Hex(CC004B)	Ratio: 3.25 AA 18pt ²	Ratio: 3.13 AA 18pt ²	Ratio: 3.24 AA 18pt ²	Ratio: 3.43 AA 18pt ²	Ratio: 2.77 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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