

Converting Colors - WCAG Matrix

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

Hex(221C1C) Hex(2B2323) Hex(221E1C) Hex(121010) Hex(520006) Hex(D1000F)

	Hex(221C1C)	Hex(2B2323)	Hex(221E1C)	Hex(121010)	Hex(520006)	Hex(D1000F)
Hex(221C1C)		Ratio: 1.09 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 2.97 Failed ⁵
Hex(2B2323)	Ratio: 1.09 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 2.72 Failed ⁵
Hex(221E1C)	Ratio: 1.02 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 2.93 Failed ⁵
Hex(121010)	Ratio: 1.13 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 3.36 AA 18pt ²
Hex(520006)	Ratio: 1.09 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 2.73 Failed ⁵
Hex(D1000F)	Ratio: 2.97 Failed ⁵	Ratio: 2.72 Failed ⁵	Ratio: 2.93 Failed ⁵	Ratio: 3.36 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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