

Converting Colors - WCAG Matrix

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

Hex(420012) Hex(570017) Hex(420E00) Hex(211E1F) Hex(61001A) Hex(E0003D)

	Hex(420012)	Hex(570017)	Hex(420E00)	Hex(211E1F)	Hex(61001A)	Hex(E0003D)
Hex(420012)		Ratio: 1.14 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 3.42 AA 18pt ²
Hex(570017)	Ratio: 1.14 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 2.99 Failed ⁵
Hex(420E00)	Ratio: 1.04 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 1.02 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 3.27 AA 18pt ²
Hex(211E1F)	Ratio: 1.02 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.02 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 3.34 AA 18pt ²
Hex(61001A)	Ratio: 1.23 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 2.78 Failed ⁵
Hex(E0003D)	Ratio: 3.42 AA 18pt ²	Ratio: 2.99 Failed ⁵	Ratio: 3.27 AA 18pt ²	Ratio: 3.34 AA 18pt ²	Ratio: 2.78 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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