

Converting Colors - WCAG Matrix

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

Hex(410C2C) Hex(540233) Hex(0C413B) Hex(211E20) Hex(61003B) Hex(E00087)

	Hex(410C2C)	Hex(540233)	Hex(0C413B)	Hex(211E20)	Hex(61003B)	Hex(E00087)
Hex(410C2C)		Ratio: 1.09 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 3.44 AA 18pt ²
Hex(540233)	Ratio: 1.09 Failed ⁵		Ratio: 1.28 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 3.15 AA 18pt ²
Hex(0C413B)	Ratio: 1.40 Failed ⁵	Ratio: 1.28 Failed ⁵		Ratio: 1.44 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 2.46 Failed ⁵
Hex(211E20)	Ratio: 1.03 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.44 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 3.56 AA 18pt ²
Hex(61003B)	Ratio: 1.20 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 2.88 Failed ⁵
Hex(E00087)	Ratio: 3.44 AA 18pt ²	Ratio: 3.15 AA 18pt ²	Ratio: 2.46 Failed ⁵	Ratio: 3.56 AA 18pt ²	Ratio: 2.88 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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