

Converting Colors - WCAG Matrix

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

Hex(41313C) Hex(543B4C) Hex(31413E) Hex(211E20) Hex(610043) Hex(E0009A)

	Hex(41313C)	Hex(543B4C)	Hex(31413E)	Hex(211E20)	Hex(610043)	Hex(E0009A)
Hex(41313C)		Ratio: 1.22 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 2.68 Failed ⁵
Hex(543B4C)	Ratio: 1.22 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 2.20 Failed ⁵
Hex(31413E)	Ratio: 1.13 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 1.54 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 2.37 Failed ⁵
Hex(211E20)	Ratio: 1.36 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.54 Failed ⁵		Ratio: 1.25 Failed ⁵	Ratio: 3.65 AA 18pt ²
Hex(610043)	Ratio: 1.09 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.25 Failed ⁵		Ratio: 2.92 Failed ⁵
Hex(E0009A)	Ratio: 2.68 Failed ⁵	Ratio: 2.20 Failed ⁵	Ratio: 2.37 Failed ⁵	Ratio: 3.65 AA 18pt ²	Ratio: 2.92 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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