

Converting Colors - WCAG Matrix

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

Hex(402537) Hex(542A47) Hex(40252A) Hex(211E20) Hex(610043) Hex(E0009B)

	Hex(402537)	Hex(542A47)	Hex(40252A)	Hex(211E20)	Hex(610043)	Hex(E0009B)
Hex(402537)		Ratio: 1.17 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 3.02 AA 18pt ²
Hex(542A47)	Ratio: 1.17 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 2.58 Failed ⁵
Hex(40252A)	Ratio: 1.01 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 3.06 AA 18pt ²
Hex(211E20)	Ratio: 1.21 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.25 Failed ⁵	Ratio: 3.65 AA 18pt ²
Hex(610043)	Ratio: 1.03 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.25 Failed ⁵		Ratio: 2.92 Failed ⁵
Hex(E0009B)	Ratio: 3.02 AA 18pt ²	Ratio: 2.58 Failed ⁵	Ratio: 3.06 AA 18pt ²	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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