

Converting Colors - WCAG Matrix

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

Hex(423540) Hex(574253) Hex(423D35) Hex(211E21) Hex(610052) Hex(E000BE)

	Hex(423540)	Hex(574253)	Hex(423D35)	Hex(211E21)	Hex(610052)	Hex(E000BE)
Hex(423540)		Ratio: 1.27 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 2.71 Failed ⁵
Hex(574253)	Ratio: 1.27 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 2.13 Failed ⁵
Hex(423D35)	Ratio: 1.07 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.53 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 2.52 Failed ⁵
Hex(211E21)	Ratio: 1.43 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.53 Failed ⁵		Ratio: 1.28 Failed ⁵	Ratio: 3.86 AA 18pt ²
Hex(610052)	Ratio: 1.11 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.28 Failed ⁵		Ratio: 3.01 AA 18pt ²
Hex(E000BE)	Ratio: 2.71 Failed ⁵	Ratio: 2.13 Failed ⁵	Ratio: 2.52 Failed ⁵	Ratio: 3.86 AA 18pt ²	Ratio: 3.01 AA 18pt ²	

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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