

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(421022) Hex(570824) Hex(103B42) Hex(211E1F) Hex(610023) Hex(E00051)

	Hex(421022)	Hex(570824)	Hex(103B42)	Hex(211E1F)	Hex(610023)	Hex(E00051)
Hex(421022)		Ratio: 1.10 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 3.23 AA 18pt ²
Hex(570824)	Ratio: 1.10 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 2.93 Failed ⁵
Hex(103B42)	Ratio: 1.30 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 2.48 Failed ⁵
Hex(211E1F)	Ratio: 1.05 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 3.38 AA 18pt ²
Hex(610023)	Ratio: 1.15 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 2.80 Failed ⁵
Hex(E00051)	Ratio: 3.23 AA 18pt ²	Ratio: 2.93 Failed ⁵	Ratio: 2.48 Failed ⁵	Ratio: 3.38 AA 18pt ²	Ratio: 2.80 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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