

Converting Colors - WCAG Matrix

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

Hex(540754) Hex(6E006E) Hex(54072E) Hex(2B272B) Hex(6B006B) Hex(EB00EB)

	Hex(540754)	Hex(6E006E)	Hex(54072E)	Hex(2B272B)	Hex(6B006B)	Hex(EB00EB)
Hex(540754)		Ratio: 1.23 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 3.73 AA 18pt ²
Hex(6E006E)	Ratio: 1.23 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 3.04 AA 18pt ²
Hex(54072E)	Ratio: 1.06 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 1.01 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 3.96 AA 18pt ²
Hex(2B272B)	Ratio: 1.08 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.01 Failed ⁵		Ratio: 1.29 Failed ⁵	Ratio: 4.01 AA 18pt ²
Hex(6B006B)	Ratio: 1.20 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.29 Failed ⁵		Ratio: 3.12 AA 18pt ²
Hex(EB00EB)	Ratio: 3.73 AA 18pt ²	Ratio: 3.04 AA 18pt ²	Ratio: 3.96 AA 18pt ²	Ratio: 4.01 AA 18pt ²	Ratio: 3.12 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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