

Converting Colors - WCAG Matrix

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

Hex(E60091) Hex(FF00A1) Hex(E6C700) Hex(73676F) Hex(B30071) Hex(330020)

	Hex(E60091)	Hex(FF00A1)	Hex(E6C700)	Hex(73676F)	Hex(B30071)	Hex(330020)
Hex(E60091)		Ratio: 1.21 Failed ⁵	Ratio: 2.63 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 4.11 AA 18pt ²
Hex(FF00A1)	Ratio: 1.21 Failed ⁵		Ratio: 2.17 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 4.96 AA ¹ AAA 18pt ⁴
Hex(E6C700)	Ratio: 2.63 Failed ⁵	Ratio: 2.17 Failed ⁵		Ratio: 3.22 AA 18pt ²	Ratio: 3.97 AA 18pt ²	Ratio: 10.79 Passed ⁶
Hex(73676F)	Ratio: 1.22 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 3.22 AA 18pt ²		Ratio: 1.24 Failed ⁵	Ratio: 3.36 AA 18pt ²
Hex(B30071)	Ratio: 1.51 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 3.97 AA 18pt ²	Ratio: 1.24 Failed ⁵		Ratio: 2.72 Failed ⁵
Hex(330020)	Ratio: 4.11 AA 18pt ²	Ratio: 4.96 AA ¹ AAA 18pt ⁴	Ratio: 10.79 Passed ⁶	Ratio: 3.36 AA 18pt ²	Ratio: 2.72 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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