

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(E80067) Hex(FF0071) Hex(DCE800) Hex(73676C) Hex(B2004F) Hex(330017)

Hex(E80067)		Ratio: 1.19 Failed ⁵	Ratio: 3.37 AA 18pt ²	Ratio: 1.19 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 4.01 AA 18pt ²
Hex(FF0071)	Ratio: 1.19 Failed ⁵		Ratio: 2.84 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 4.76 AA ¹ AAA 18pt ⁴
Hex(DCE800)	Ratio: 3.37 AA 18pt ²	Ratio: 2.84 Failed ⁵		Ratio: 4.01 AA 18pt ²	Ratio: 5.19 AA ¹ AAA 18pt ⁴	Ratio: 13.52 Passed ⁶
Hex(73676C)	Ratio: 1.19 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 4.01 AA 18pt ²		Ratio: 1.29 Failed ⁵	Ratio: 3.37 AA 18pt ²
Hex(B2004F)	Ratio: 1.54 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 5.19 AA ¹ AAA 18pt ⁴	Ratio: 1.29 Failed ⁵		Ratio: 2.61 Failed ⁵
Hex(330017)	Ratio: 4.01 AA 18pt ²	Ratio: 4.76 AA ¹ AAA 18pt ⁴	Ratio: 13.52 Passed ⁶	Ratio: 3.37 AA 18pt ²	Ratio: 2.61 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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