

Converting Colors - WCAG Matrix

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

Hex(E66980) Hex(FF5978) Hex(E68F69) Hex(736769) Hex(B30021) Hex(330009)

	Hex(E66980)	Hex(FF5978)	Hex(E68F69)	Hex(736769)	Hex(B30021)	Hex(330009)
Hex(E66980)		Ratio: 1.04 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 2.28 Failed ⁵	Ratio: 5.85 AA ¹ AAA 18pt ⁴
Hex(FF5978)	Ratio: 1.04 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 2.37 Failed ⁵	Ratio: 6.07 AA ¹ AAA 18pt ⁴
Hex(E68F69)	Ratio: 1.27 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 2.19 Failed ⁵	Ratio: 2.89 Failed ⁵	Ratio: 7.42 Passed ⁶
Hex(736769)	Ratio: 1.73 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 2.19 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 3.38 AA 18pt ²
Hex(B30021)	Ratio: 2.28 Failed ⁵	Ratio: 2.37 Failed ⁵	Ratio: 2.89 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 2.57 Failed ⁵
Hex(330009)	Ratio: 5.85 AA ¹ AAA 18pt ⁴	Ratio: 6.07 AA ¹ AAA 18pt ⁴	Ratio: 7.42 Passed ⁶	Ratio: 3.38 AA 18pt ²	Ratio: 2.57 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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