

Converting Colors - WCAG Matrix

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

Hex(E37886) Hex(FF6E81) Hex(E39F78) Hex(736769) Hex(B30017) Hex(330007)

	Hex(E37886)	Hex(FF6E81)	Hex(E39F78)	Hex(736769)	Hex(B30017)	Hex(330007)
Hex(E37886)		Ratio: 1.07 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 2.49 Failed ⁵	Ratio: 6.38 AA ¹ AAA 18pt ⁴
Hex(FF6E81)	Ratio: 1.07 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 2.66 Failed ⁵	Ratio: 6.82 AA ¹ AAA 18pt ⁴
Hex(E39F78)	Ratio: 1.30 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 2.45 Failed ⁵	Ratio: 3.24 AA 18pt ²	Ratio: 8.30 Passed ⁶
Hex(736769)	Ratio: 1.88 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 2.45 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 3.39 AA 18pt ²
Hex(B30017)	Ratio: 2.49 Failed ⁵	Ratio: 2.66 Failed ⁵	Ratio: 3.24 AA 18pt ²	Ratio: 1.32 Failed ⁵		Ratio: 2.56 Failed ⁵
Hex(330007)	Ratio: 6.38 AA ¹ AAA 18pt ⁴	Ratio: 6.82 AA ¹ AAA 18pt ⁴	Ratio: 8.30 Passed ⁶	Ratio: 3.39 AA 18pt ²	Ratio: 2.56 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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