

Converting Colors - WCAG Matrix

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

Hex(EC7880) Hex(FF6973) Hex(ECAA78) Hex(756A6A) Hex(B5000C) Hex(360004)

	Hex(EC7880)	Hex(FF6973)	Hex(ECAA78)	Hex(756A6A)	Hex(B5000C)	Hex(360004)
Hex(EC7880)		Ratio: 1.01 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 2.55 Failed ⁵	Ratio: 6.53 AA ¹ AAA 18pt ⁴
Hex(FF6973)	Ratio: 1.01 Failed ⁵		Ratio: 1.41 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 2.53 Failed ⁵	Ratio: 6.49 AA ¹ AAA 18pt ⁴
Hex(ECAA78)	Ratio: 1.40 Failed ⁵	Ratio: 1.41 Failed ⁵		Ratio: 2.63 Failed ⁵	Ratio: 3.56 AA 18pt ²	Ratio: 9.14 Passed ⁶
Hex(756A6A)	Ratio: 1.88 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 2.63 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 3.48 AA 18pt ²
Hex(B5000C)	Ratio: 2.55 Failed ⁵	Ratio: 2.53 Failed ⁵	Ratio: 3.56 AA 18pt ²	Ratio: 1.36 Failed ⁵		Ratio: 2.56 Failed ⁵
Hex(360004)	Ratio: 6.53 AA ¹ AAA 18pt ⁴	Ratio: 6.49 AA ¹ AAA 18pt ⁴	Ratio: 9.14 Passed ⁶	Ratio: 3.48 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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