

Converting Colors - WCAG Matrix

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

Hex(E7E0E3) Hex(FFF5F9) Hex(E7E7E0) Hex(736D6F) Hex(B3004C) Hex(330016)

	Hex(E7E0E3)	Hex(FFF5F9)	Hex(E7E7E0)	Hex(736D6F)	Hex(B3004C)	Hex(330016)
Hex(E7E0E3)		Ratio: 1.22 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 3.90 AA 18pt ²	Ratio: 5.35 AA ¹ AAA 18pt ⁴	Ratio: 14.03 Passed ⁶
Hex(FFF5F9)	Ratio: 1.22 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 4.75 AA ¹ AAA 18pt ⁴	Ratio: 6.51 AA ¹ AAA 18pt ⁴	Ratio: 17.08 Passed ⁶
Hex(E7E7E0)	Ratio: 1.05 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 4.08 AA 18pt ²	Ratio: 5.60 AA ¹ AAA 18pt ⁴	Ratio: 14.67 Passed ⁶
Hex(736D6F)	Ratio: 3.90 AA 18pt ²	Ratio: 4.75 AA ¹ AAA 18pt ⁴	Ratio: 4.08 AA 18pt ²		Ratio: 1.37 Failed ⁵	Ratio: 3.60 AA 18pt ²
Hex(B3004C)	Ratio: 5.35 AA ¹ AAA 18pt ⁴	Ratio: 6.51 AA ¹ AAA 18pt ⁴	Ratio: 5.60 AA ¹ AAA 18pt ⁴	Ratio: 1.37 Failed ⁵		Ratio: 2.62 Failed ⁵
Hex(330016)	Ratio: 14.03 Passed ⁶	Ratio: 17.08 Passed ⁶	Ratio: 14.67 Passed ⁶	Ratio: 3.60 AA 18pt ²	Ratio: 2.62 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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