

Converting Colors - WCAG Matrix

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

Hex(E7E0E2) Hex(FFF5F7) Hex(E7E2E0) Hex(736D6E) Hex(B3002D) Hex(33000D)

	Hex(E7E0E2)	Hex(FFF5F7)	Hex(E7E2E0)	Hex(736D6E)	Hex(B3002D)	Hex(33000D)
Hex(E7E0E2)		Ratio: 1.22 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 3.90 AA 18pt ²	Ratio: 5.47 AA ¹ AAA 18pt ⁴	Ratio: 14.09 Passed ⁶
Hex(FFF5F7)	Ratio: 1.22 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 4.75 AA ¹ AAA 18pt ⁴	Ratio: 6.65 AA ¹ AAA 18pt ⁴	Ratio: 17.14 Passed ⁶
Hex(E7E2E0)	Ratio: 1.01 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 3.95 AA 18pt ²	Ratio: 5.53 AA ¹ AAA 18pt ⁴	Ratio: 14.26 Passed ⁶
Hex(736D6E)	Ratio: 3.90 AA 18pt ²	Ratio: 4.75 AA ¹ AAA 18pt ⁴	Ratio: 3.95 AA 18pt ²		Ratio: 1.40 Failed ⁵	Ratio: 3.61 AA 18pt ²
Hex(B3002D)	Ratio: 5.47 AA ¹ AAA 18pt ⁴	Ratio: 6.65 AA ¹ AAA 18pt ⁴	Ratio: 5.53 AA ¹ AAA 18pt ⁴	Ratio: 1.40 Failed ⁵		Ratio: 2.58 Failed ⁵
Hex(33000D)	Ratio: 14.09 Passed ⁶	Ratio: 17.14 Passed ⁶	Ratio: 14.26 Passed ⁶	Ratio: 3.61 AA 18pt ²	Ratio: 2.58 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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