

Converting Colors - WCAG Matrix

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

Hex(E3D5D7) Hex(FFEDF0) Hex(E3DAD5) Hex(736A6B) Hex(B30019) Hex(330007)

	Hex(E3D5D7)	Hex(FFEDF0)	Hex(E3DAD5)	Hex(736A6B)	Hex(B30019)	Hex(330007)
Hex(E3D5D7)		Ratio: 1.26 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 3.69 AA 18pt ²	Ratio: 5.04 AA ¹ AAA 18pt ⁴	Ratio: 12.91 Passed ⁶
Hex(FFEDF0)	Ratio: 1.26 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 4.65 AA ¹ AAA 18pt ⁴	Ratio: 6.35 AA ¹ AAA 18pt ⁴	Ratio: 16.28 Passed ⁶
Hex(E3DAD5)	Ratio: 1.03 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 3.81 AA 18pt ²	Ratio: 5.21 AA ¹ AAA 18pt ⁴	Ratio: 13.34 Passed ⁶
Hex(736A6B)	Ratio: 3.69 AA 18pt ²	Ratio: 4.65 AA ¹ AAA 18pt ⁴	Ratio: 3.81 AA 18pt ²		Ratio: 1.37 Failed ⁵	Ratio: 3.50 AA 18pt ²
Hex(B30019)	Ratio: 5.04 AA ¹ AAA 18pt ⁴	Ratio: 6.35 AA ¹ AAA 18pt ⁴	Ratio: 5.21 AA ¹ AAA 18pt ⁴	Ratio: 1.37 Failed ⁵		Ratio: 2.56 Failed ⁵
Hex(330007)	Ratio: 12.91 Passed ⁶	Ratio: 16.28 Passed ⁶	Ratio: 13.34 Passed ⁶	Ratio: 3.50 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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