

Converting Colors - WCAG Matrix

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

Hex(E6A0AF) Hex(FFA1B5) Hex(E6B4A0) Hex(73676A) Hex(B30026) Hex(33000B)

	Hex(E6A0AF)	Hex(FFA1B5)	Hex(E6B4A0)	Hex(73676A)	Hex(B30026)	Hex(33000B)
Hex(E6A0AF)		Ratio: 1.10 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 2.58 Failed ⁵	Ratio: 3.40 AA 18pt ²	Ratio: 8.74 Passed ⁶
Hex(FFA1B5)	Ratio: 1.10 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 2.84 Failed ⁵	Ratio: 3.74 AA 18pt ²	Ratio: 9.62 Passed ⁶
Hex(E6B4A0)	Ratio: 1.14 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 2.94 Failed ⁵	Ratio: 3.87 AA 18pt ²	Ratio: 9.95 Passed ⁶
Hex(73676A)	Ratio: 2.58 Failed ⁵	Ratio: 2.84 Failed ⁵	Ratio: 2.94 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 3.38 AA 18pt ²
Hex(B30026)	Ratio: 3.40 AA 18pt ²	Ratio: 3.74 AA 18pt ²	Ratio: 3.87 AA 18pt ²	Ratio: 1.32 Failed ⁵		Ratio: 2.57 Failed ⁵
Hex(33000B)	Ratio: 8.74 Passed ⁶	Ratio: 9.62 Passed ⁶	Ratio: 9.95 Passed ⁶	Ratio: 3.38 AA 18pt ²	Ratio: 2.57 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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