

Converting Colors - WCAG Matrix

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

Hex(E6A5AB) Hex(FFA8B1) Hex(E6BFA5) Hex(736768) Hex(B20011) Hex(330005)

	Hex(E6A5AB)	Hex(FFA8B1)	Hex(E6BFA5)	Hex(736768)	Hex(B20011)	Hex(330005)
Hex(E6A5AB)		Ratio: 1.11 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 2.67 Failed ⁵	Ratio: 3.56 AA 18pt ²	Ratio: 9.04 Passed ⁶
Hex(FFA8B1)	Ratio: 1.11 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 2.97 Failed ⁵	Ratio: 3.96 AA 18pt ²	Ratio: 10.05 Passed ⁶
Hex(E6BFA5)	Ratio: 1.20 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 3.19 AA 18pt ²	Ratio: 4.26 AA 18pt ²	Ratio: 10.81 Passed ⁶
Hex(736768)	Ratio: 2.67 Failed ⁵	Ratio: 2.97 Failed ⁵	Ratio: 3.19 AA 18pt ²		Ratio: 1.33 Failed ⁵	Ratio: 3.38 AA 18pt ²
Hex(B20011)	Ratio: 3.56 AA 18pt ²	Ratio: 3.96 AA 18pt ²	Ratio: 4.26 AA 18pt ²	Ratio: 1.33 Failed ⁵		Ratio: 2.54 Failed ⁵
Hex(330005)	Ratio: 9.04 Passed ⁶	Ratio: 10.05 Passed ⁶	Ratio: 10.81 Passed ⁶	Ratio: 3.38 AA 18pt ²	Ratio: 2.54 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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