

Converting Colors - WCAG Matrix

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

Hex(E9B4CA) Hex(FFBAD7) Hex(E9B8B4) Hex(756A6E) Hex(B5004B) Hex(360016)

	Hex(E9B4CA)	Hex(FFBAD7)	Hex(E9B8B4)	Hex(756A6E)	Hex(B5004B)	Hex(360016)
Hex(E9B4CA)		Ratio: 1.12 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 2.93 Failed ⁵	Ratio: 3.86 AA 18pt ²	Ratio: 10.14 Passed ⁶
Hex(FFBAD7)	Ratio: 1.12 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 3.28 AA 18pt ²	Ratio: 4.32 AA 18pt ²	Ratio: 11.35 Passed ⁶
Hex(E9B8B4)	Ratio: 1.01 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 2.96 Failed ⁵	Ratio: 3.91 AA 18pt ²	Ratio: 10.25 Passed ⁶
Hex(756A6E)	Ratio: 2.93 Failed ⁵	Ratio: 3.28 AA 18pt ²	Ratio: 2.96 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 3.46 AA 18pt ²
Hex(B5004B)	Ratio: 3.86 AA 18pt ²	Ratio: 4.32 AA 18pt ²	Ratio: 3.91 AA 18pt ²	Ratio: 1.32 Failed ⁵		Ratio: 2.62 Failed ⁵
Hex(360016)	Ratio: 10.14 Passed ⁶	Ratio: 11.35 Passed ⁶	Ratio: 10.25 Passed ⁶	Ratio: 3.46 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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