

Converting Colors - WCAG Matrix

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

Hex(E9ABAC) Hex(FFADAF) Hex(E9C9AB) Hex(756A6A) Hex(B50003) Hex(360001)

	Hex(E9ABAC)	Hex(FFADAF)	Hex(E9C9AB)	Hex(756A6A)	Hex(B50003)	Hex(360001)
Hex(E9ABAC)		Ratio: 1.09 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 2.70 Failed ⁵	Ratio: 3.67 AA 18pt ²	Ratio: 9.41 Passed ⁶
Hex(FFADAF)	Ratio: 1.09 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 2.94 Failed ⁵	Ratio: 3.99 AA 18pt ²	Ratio: 10.24 Passed ⁶
Hex(E9C9AB)	Ratio: 1.23 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 3.33 AA 18pt ²	Ratio: 4.52 AA ¹ AAA 18pt ⁴	Ratio: 11.59 Passed ⁶
Hex(756A6A)	Ratio: 2.70 Failed ⁵	Ratio: 2.94 Failed ⁵	Ratio: 3.33 AA 18pt ²		Ratio: 1.36 Failed ⁵	Ratio: 3.48 AA 18pt ²
Hex(B50003)	Ratio: 3.67 AA 18pt ²	Ratio: 3.99 AA 18pt ²	Ratio: 4.52 AA ¹ AAA 18pt ⁴	Ratio: 1.36 Failed ⁵		Ratio: 2.56 Failed ⁵
Hex(360001)	Ratio: 9.41 Passed ⁶	Ratio: 10.24 Passed ⁶	Ratio: 11.59 Passed ⁶	Ratio: 3.48 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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