

Converting Colors - WCAG Matrix

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

Hex(E59FA9) Hex(FFA1AF) Hex(E5B79F) Hex(736769) Hex(B3001B) Hex(330008)

	Hex(E59FA9)	Hex(FFA1AF)	Hex(E5B79F)	Hex(736769)	Hex(B3001B)	Hex(330008)
Hex(E59FA9)		Ratio: 1.11 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 2.55 Failed ⁵	Ratio: 3.36 AA 18pt ²	Ratio: 8.62 Passed ⁶
Hex(FFA1AF)	Ratio: 1.11 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 2.83 Failed ⁵	Ratio: 3.74 AA 18pt ²	Ratio: 9.59 Passed ⁶
Hex(E5B79F)	Ratio: 1.18 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 3.00 AA 18pt ²	Ratio: 3.96 AA 18pt ²	Ratio: 10.14 Passed ⁶
Hex(736769)	Ratio: 2.55 Failed ⁵	Ratio: 2.83 Failed ⁵	Ratio: 3.00 AA 18pt ²		Ratio: 1.32 Failed ⁵	Ratio: 3.38 AA 18pt ²
Hex(B3001B)	Ratio: 3.36 AA 18pt ²	Ratio: 3.74 AA 18pt ²	Ratio: 3.96 AA 18pt ²	Ratio: 1.32 Failed ⁵		Ratio: 2.56 Failed ⁵
Hex(330008)	Ratio: 8.62 Passed ⁶	Ratio: 9.59 Passed ⁶	Ratio: 10.14 Passed ⁶	Ratio: 3.38 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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