

Converting Colors - WCAG Matrix

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

Hex(E8AFB2) Hex(FFB5B9) Hex(AFCFE8) Hex(736768) Hex(B30009) Hex(330003)

	Hex(E8AFB2)	Hex(FFB5B9)	Hex(AFCFE8)	Hex(736768)	Hex(B30009)	Hex(330003)
Hex(E8AFB2)		Ratio: 1.12 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 2.90 Failed ⁵	Ratio: 3.84 AA 18pt ²	Ratio: 9.81 Passed ⁶
Hex(FFB5B9)	Ratio: 1.12 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 3.25 AA 18pt ²	Ratio: 4.30 AA 18pt ²	Ratio: 11.00 Passed ⁶
Hex(AFCFE8)	Ratio: 1.15 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 3.34 AA 18pt ²	Ratio: 4.42 AA 18pt ²	Ratio: 11.31 Passed ⁶
Hex(736768)	Ratio: 2.90 Failed ⁵	Ratio: 3.25 AA 18pt ²	Ratio: 3.34 AA 18pt ²		Ratio: 1.32 Failed ⁵	Ratio: 3.39 AA 18pt ²
Hex(B30009)	Ratio: 3.84 AA 18pt ²	Ratio: 4.30 AA 18pt ²	Ratio: 4.42 AA 18pt ²	Ratio: 1.32 Failed ⁵		Ratio: 2.56 Failed ⁵
Hex(330003)	Ratio: 9.81 Passed ⁶	Ratio: 11.00 Passed ⁶	Ratio: 11.31 Passed ⁶	Ratio: 3.39 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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