

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(E9AFC1) Hex(FFB3CA) Hex(AFD9E9) Hex(756A6D) Hex(B50038) Hex(360011)

	Hex(E9AFC1)	Hex(FFB3CA)	Hex(AFD9E9)	Hex(756A6D)	Hex(B50038)	Hex(360011)
Hex(E9AFC1)		Ratio: 1.10 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 2.81 Failed ⁵	Ratio: 3.76 AA 18pt ²	Ratio: 9.76 Passed ⁶
Hex(FFB3CA)	Ratio: 1.10 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 3.11 AA 18pt ²	Ratio: 4.15 AA 18pt ²	Ratio: 10.77 Passed ⁶
Hex(AFD9E9)	Ratio: 1.28 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 3.60 AA 18pt ²	Ratio: 4.82 AA ¹ AAA 18pt ⁴	Ratio: 12.49 Passed ⁶
Hex(756A6D)	Ratio: 2.81 Failed ⁵	Ratio: 3.11 AA 18pt ²	Ratio: 3.60 AA 18pt ²		Ratio: 1.34 Failed ⁵	Ratio: 3.47 AA 18pt ²
Hex(B50038)	Ratio: 3.76 AA 18pt ²	Ratio: 4.15 AA 18pt ²	Ratio: 4.82 AA ¹ AAA 18pt ⁴	Ratio: 1.34 Failed ⁵		Ratio: 2.59 Failed ⁵
Hex(360011)	Ratio: 9.76 Passed ⁶	Ratio: 10.77 Passed ⁶	Ratio: 12.49 Passed ⁶	Ratio: 3.47 AA 18pt ²	Ratio: 2.59 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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