

Converting Colors - WCAG Matrix

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

Hex(EAB7C0) Hex(FFBDC8) Hex(DAEAB7) Hex(756A6C) Hex(B50020) Hex(360009)

	Hex(EAB7C0)	Hex(FFBDC8)	Hex(DAEAB7)	Hex(756A6C)	Hex(B50020)	Hex(360009)
Hex(EAB7C0)		Ratio: 1.11 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 2.98 Failed ⁵	Ratio: 4.03 AA 18pt ²	Ratio: 10.37 Passed ⁶
Hex(FFBDC8)	Ratio: 1.11 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 3.31 AA 18pt ²	Ratio: 4.48 AA 18pt ²	Ratio: 11.51 Passed ⁶
Hex(DAEAB7)	Ratio: 1.37 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 4.07 AA 18pt ²	Ratio: 5.50 AA ¹ AAA 18pt ⁴	Ratio: 14.16 Passed ⁶
Hex(756A6C)	Ratio: 2.98 Failed ⁵	Ratio: 3.31 AA 18pt ²	Ratio: 4.07 AA 18pt ²		Ratio: 1.35 Failed ⁵	Ratio: 3.48 AA 18pt ²
Hex(B50020)	Ratio: 4.03 AA 18pt ²	Ratio: 4.48 AA 18pt ²	Ratio: 5.50 AA ¹ AAA 18pt ⁴	Ratio: 1.35 Failed ⁵		Ratio: 2.57 Failed ⁵
Hex(360009)	Ratio: 10.37 Passed ⁶	Ratio: 11.51 Passed ⁶	Ratio: 14.16 Passed ⁶	Ratio: 3.48 AA 18pt ²	Ratio: 2.57 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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