

Converting Colors - WCAG Matrix

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

Hex(EBA3B8) Hex(FFA1BC) Hex(A3EBB1) Hex(756A6D) Hex(B50035) Hex(360010)

	Hex(EBA3B8)	Hex(FFA1BC)	Hex(A3EBB1)	Hex(756A6D)	Hex(B50035)	Hex(360010)
Hex(EBA3B8)		Ratio: 1.06 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 2.59 Failed ⁵	Ratio: 3.47 AA 18pt ²	Ratio: 8.99 Passed ⁶
Hex(FFA1BC)	Ratio: 1.06 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 2.74 Failed ⁵	Ratio: 3.67 AA 18pt ²	Ratio: 9.51 Passed ⁶
Hex(A3EBB1)	Ratio: 1.44 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 3.73 AA 18pt ²	Ratio: 5.00 AA ¹ AAA 18pt ⁴	Ratio: 12.95 Passed ⁶
Hex(756A6D)	Ratio: 2.59 Failed ⁵	Ratio: 2.74 Failed ⁵	Ratio: 3.73 AA 18pt ²		Ratio: 1.34 Failed ⁵	Ratio: 3.47 AA 18pt ²
Hex(B50035)	Ratio: 3.47 AA 18pt ²	Ratio: 3.67 AA 18pt ²	Ratio: 5.00 AA ¹ AAA 18pt ⁴	Ratio: 1.34 Failed ⁵		Ratio: 2.59 Failed ⁵
Hex(360010)	Ratio: 8.99 Passed ⁶	Ratio: 9.51 Passed ⁶	Ratio: 12.95 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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