

Converting Colors - WCAG Matrix

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

Hex(EFB6C2) Hex(FFB5C5) Hex(EFC6B6) Hex(786C6E) Hex(B80027) Hex(38000C)

	Hex(EFB6C2)	Hex(FFB5C5)	Hex(EFC6B6)	Hex(786C6E)	Hex(B80027)	Hex(38000C)
Hex(EFB6C2)		Ratio: 1.04 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 2.91 Failed ⁵	Ratio: 3.96 AA 18pt ²	Ratio: 10.35 Passed ⁶
Hex(FFB5C5)	Ratio: 1.04 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 3.04 AA 18pt ²	Ratio: 4.13 AA 18pt ²	Ratio: 10.80 Passed ⁶
Hex(EFC6B6)	Ratio: 1.11 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 3.22 AA 18pt ²	Ratio: 4.38 AA 18pt ²	Ratio: 11.44 Passed ⁶
Hex(786C6E)	Ratio: 2.91 Failed ⁵	Ratio: 3.04 AA 18pt ²	Ratio: 3.22 AA 18pt ²		Ratio: 1.36 Failed ⁵	Ratio: 3.55 AA 18pt ²
Hex(B80027)	Ratio: 3.96 AA 18pt ²	Ratio: 4.13 AA 18pt ²	Ratio: 4.38 AA 18pt ²	Ratio: 1.36 Failed ⁵		Ratio: 2.61 Failed ⁵
Hex(38000C)	Ratio: 10.35 Passed ⁶	Ratio: 10.80 Passed ⁶	Ratio: 11.44 Passed ⁶	Ratio: 3.55 AA 18pt ²	Ratio: 2.61 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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