

Converting Colors - WCAG Matrix

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

Hex(F1B7B7) Hex(FFEDED) Hex(F1B7F1) Hex(807575) Hex(000000) Hex(808080)

Hex(F1B7B7)		Ratio: 1.52 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 2.58 Failed ⁵	Ratio: 12.20 Passed ⁶	Ratio: 2.29 Failed ⁵
Hex(FFEDED)	Ratio: 1.52 Failed ⁵		Ratio: 1.45 Failed ⁵	Ratio: 3.94 AA 18pt ²	Ratio: 18.59 Passed ⁶	Ratio: 3.50 AA 18pt ²
Hex(F1B7F1)	Ratio: 1.05 Failed ⁵	Ratio: 1.45 Failed ⁵		Ratio: 2.71 Failed ⁵	Ratio: 12.78 Passed ⁶	Ratio: 2.40 Failed ⁵
Hex(807575)	Ratio: 2.58 Failed ⁵	Ratio: 3.94 AA 18pt ²	Ratio: 2.71 Failed ⁵		Ratio: 4.72 AA ¹ AAA 18pt ⁴	Ratio: 1.13 Failed ⁵
Hex(000000)	Ratio: 12.20 Passed ⁶	Ratio: 18.59 Passed ⁶	Ratio: 12.78 Passed ⁶	Ratio: 4.72 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 2.29 Failed ⁵	Ratio: 3.50 AA 18pt ²	Ratio: 2.40 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 5.32 AA ¹ AAA 18pt ⁴	

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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