

Converting Colors - WCAG Matrix

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

Hex(FFB5BF) Hex(FFE8EB) Hex(F4B5FF) Hex(807173) Hex(000000) Hex(808080)

	Hex(FFB5BF)	Hex(FFE8EB)	Hex(F4B5FF)	Hex(807173)	Hex(000000)	Hex(808080)
Hex(FFB5BF)		Ratio: 1.43 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 2.79 Failed ⁵	Ratio: 12.61 Passed ⁶	Ratio: 2.37 Failed ⁵
Hex(FFE8EB)	Ratio: 1.43 Failed ⁵		Ratio: 1.39 Failed ⁵	Ratio: 3.97 AA 18pt ²	Ratio: 17.99 Passed ⁶	Ratio: 3.38 AA 18pt ²
Hex(F4B5FF)	Ratio: 1.02 Failed ⁵	Ratio: 1.39 Failed ⁵		Ratio: 2.85 Failed ⁵	Ratio: 12.90 Passed ⁶	Ratio: 2.43 Failed ⁵
Hex(807173)	Ratio: 2.79 Failed ⁵	Ratio: 3.97 AA 18pt ²	Ratio: 2.85 Failed ⁵		Ratio: 4.53 AA ¹ AAA 18pt ⁴	Ratio: 1.17 Failed ⁵
Hex(000000)	Ratio: 12.61 Passed ⁶	Ratio: 17.99 Passed ⁶	Ratio: 12.90 Passed ⁶	Ratio: 4.53 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 2.37 Failed ⁵	Ratio: 3.38 AA 18pt ²	Ratio: 2.43 Failed ⁵	Ratio: 1.17 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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