

Converting Colors - WCAG Matrix

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

Hex(FFB080) Hex(FFE7D9) Hex(FF80D0) Hex(807169) Hex(000000) Hex(808080)

	Hex(FFB080)	Hex(FFE7D9)	Hex(FF80D0)	Hex(807169)	Hex(000000)	Hex(808080)
Hex(FFB080)		Ratio: 1.50 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 2.63 Failed ⁵	Ratio: 11.77 Passed ⁶	Ratio: 2.21 Failed ⁵
Hex(FFE7D9)	Ratio: 1.50 Failed ⁵		Ratio: 1.91 Failed ⁵	Ratio: 3.94 AA 18pt ²	Ratio: 17.68 Passed ⁶	Ratio: 3.33 AA 18pt ²
Hex(FF80D0)	Ratio: 1.27 Failed ⁵	Ratio: 1.91 Failed ⁵		Ratio: 2.06 Failed ⁵	Ratio: 9.25 Passed ⁶	Ratio: 1.74 Failed ⁵
Hex(807169)	Ratio: 2.63 Failed ⁵	Ratio: 3.94 AA 18pt ²	Ratio: 2.06 Failed ⁵		Ratio: 4.48 AA 18pt ²	Ratio: 1.19 Failed ⁵
Hex(000000)	Ratio: 11.77 Passed ⁶	Ratio: 17.68 Passed ⁶	Ratio: 9.25 Passed ⁶	Ratio: 4.48 AA 18pt ²		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 2.21 Failed ⁵	Ratio: 3.33 AA 18pt ²	Ratio: 1.74 Failed ⁵	Ratio: 1.19 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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