

Converting Colors - WCAG Matrix

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

Hex(FFB866) Hex(FFEAD1) Hex(FF66AD) Hex(807263) Hex(000000) Hex(808080)

	Hex(FFB866)	Hex(FFEAD1)	Hex(FF66AD)	Hex(807263)	Hex(000000)	Hex(808080)
Hex(FFB866)		Ratio: 1.46 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 2.73 Failed ⁵	Ratio: 12.30 Passed ⁶	Ratio: 2.31 Failed ⁵
Hex(FFEAD1)	Ratio: 1.46 Failed ⁵		Ratio: 2.31 Failed ⁵	Ratio: 3.98 AA 18pt ²	Ratio: 17.94 Passed ⁶	Ratio: 3.37 AA 18pt ²
Hex(FF66AD)	Ratio: 1.59 Failed ⁵	Ratio: 2.31 Failed ⁵		Ratio: 1.72 Failed ⁵	Ratio: 7.76 Passed ⁶	Ratio: 1.46 Failed ⁵
Hex(807263)	Ratio: 2.73 Failed ⁵	Ratio: 3.98 AA 18pt ²	Ratio: 1.72 Failed ⁵		Ratio: 4.50 AA ¹ AAA 18pt ⁴	Ratio: 1.18 Failed ⁵
Hex(000000)	Ratio: 12.30 Passed ⁶	Ratio: 17.94 Passed ⁶	Ratio: 7.76 Passed ⁶	Ratio: 4.50 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 2.31 Failed ⁵	Ratio: 3.37 AA 18pt ²	Ratio: 1.46 Failed ⁵	Ratio: 1.18 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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