

Converting Colors - WCAG Matrix

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

Hex(FF1C14) Hex(FFBAB8) Hex(FF14F7) Hex(805654) Hex(000000) Hex(808080)

	Hex(FF1C14)	Hex(FFBAB8)	Hex(FF14F7)	Hex(805654)	Hex(000000)	Hex(808080)
Hex(FF1C14)		Ratio: 2.39 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 5.43 AA ¹ AAA 18pt ⁴	Ratio: 1.02 Failed ⁵
Hex(FFBAB8)	Ratio: 2.39 Failed ⁵		Ratio: 1.94 Failed ⁵	Ratio: 3.84 AA 18pt ²	Ratio: 12.97 Passed ⁶	Ratio: 2.44 Failed ⁵
Hex(FF14F7)	Ratio: 1.23 Failed ⁵	Ratio: 1.94 Failed ⁵		Ratio: 1.98 Failed ⁵	Ratio: 6.70 AA ¹ AAA 18pt ⁴	Ratio: 1.26 Failed ⁵
Hex(805654)	Ratio: 1.61 Failed ⁵	Ratio: 3.84 AA 18pt ²	Ratio: 1.98 Failed ⁵		Ratio: 3.38 AA 18pt ²	Ratio: 1.57 Failed ⁵
Hex(000000)	Ratio: 5.43 AA ¹ AAA 18pt ⁴	Ratio: 12.97 Passed ⁶	Ratio: 6.70 AA ¹ AAA 18pt ⁴	Ratio: 3.38 AA 18pt ²		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 1.02 Failed ⁵	Ratio: 2.44 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.57 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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