

Converting Colors - WCAG Matrix

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

Hex(FFA49E) Hex(FFE5E3) Hex(FF9EFA) Hex(80706F) Hex(000000) Hex(808080)

	Hex(FFA49E)	Hex(FFE5E3)	Hex(FF9EFA)	Hex(80706F)	Hex(000000)	Hex(808080)
Hex(FFA49E)		Ratio: 1.59 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 2.48 Failed ⁵	Ratio: 11.06 Passed ⁶	Ratio: 2.08 Failed ⁵
Hex(FFE5E3)	Ratio: 1.59 Failed ⁵		Ratio: 1.52 Failed ⁵	Ratio: 3.93 AA 18pt ²	Ratio: 17.57 Passed ⁶	Ratio: 3.30 AA 18pt ²
Hex(FF9EFA)	Ratio: 1.04 Failed ⁵	Ratio: 1.52 Failed ⁵		Ratio: 2.58 Failed ⁵	Ratio: 11.52 Passed ⁶	Ratio: 2.17 Failed ⁵
Hex(80706F)	Ratio: 2.48 Failed ⁵	Ratio: 3.93 AA 18pt ²	Ratio: 2.58 Failed ⁵		Ratio: 4.46 AA 18pt ²	Ratio: 1.19 Failed ⁵
Hex(000000)	Ratio: 11.06 Passed ⁶	Ratio: 17.57 Passed ⁶	Ratio: 11.52 Passed ⁶	Ratio: 4.46 AA 18pt ²		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 2.08 Failed ⁵	Ratio: 3.30 AA 18pt ²	Ratio: 2.17 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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