

Converting Colors - WCAG Matrix

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

Hex(F15926) Hex(FFCFBF) Hex(F126BE) Hex(806359) Hex(000000) Hex(808080)

	Hex(F15926)	Hex(FFCFBF)	Hex(F126BE)	Hex(806359)	Hex(000000)	Hex(808080)
Hex(F15926)		Ratio: 2.41 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 6.20 AA ¹ AAA 18pt ⁴	Ratio: 1.17 Failed ⁵
Hex(FFCFBF)	Ratio: 2.41 Failed ⁵		Ratio: 2.59 Failed ⁵	Ratio: 3.88 AA 18pt ²	Ratio: 14.93 Passed ⁶	Ratio: 2.81 Failed ⁵
Hex(F126BE)	Ratio: 1.08 Failed ⁵	Ratio: 2.59 Failed ⁵		Ratio: 1.50 Failed ⁵	Ratio: 5.76 AA ¹ AAA 18pt ⁴	Ratio: 1.08 Failed ⁵
Hex(806359)	Ratio: 1.61 Failed ⁵	Ratio: 3.88 AA 18pt ²	Ratio: 1.50 Failed ⁵		Ratio: 3.85 AA 18pt ²	Ratio: 1.38 Failed ⁵
Hex(000000)	Ratio: 6.20 AA ¹ AAA 18pt ⁴	Ratio: 14.93 Passed ⁶	Ratio: 5.76 AA ¹ AAA 18pt ⁴	Ratio: 3.85 AA 18pt ²		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 1.17 Failed ⁵	Ratio: 2.81 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.38 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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