

Converting Colors - WCAG Matrix

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

Hex(F5E050) Hex(FFF9CC) Hex(F55066) Hex(807C61) Hex(000000) Hex(808080)

	Hex(F5E050)	Hex(FFF9CC)	Hex(F55066)	Hex(807C61)	Hex(000000)	Hex(808080)
Hex(F5E050)		Ratio: 1.26 Failed ⁵	Ratio: 2.52 Failed ⁵	Ratio: 3.15 AA 18pt ²	Ratio: 15.66 Passed ⁶	Ratio: 2.95 Failed ⁵
Hex(FFF9CC)	Ratio: 1.26 Failed ⁵		Ratio: 3.16 AA 18pt ²	Ratio: 3.96 AA 18pt ²	Ratio: 19.67 Passed ⁶	Ratio: 3.70 AA 18pt ²
Hex(F55066)	Ratio: 2.52 Failed ⁵	Ratio: 3.16 AA 18pt ²		Ratio: 1.25 Failed ⁵	Ratio: 6.22 AA ¹ AAA 18pt ⁴	Ratio: 1.17 Failed ⁵
Hex(807C61)	Ratio: 3.15 AA 18pt ²	Ratio: 3.96 AA 18pt ²	Ratio: 1.25 Failed ⁵		Ratio: 4.97 AA ¹ AAA 18pt ⁴	Ratio: 1.07 Failed ⁵
Hex(000000)	Ratio: 15.66 Passed ⁶	Ratio: 19.67 Passed ⁶	Ratio: 6.22 AA ¹ AAA 18pt ⁴	Ratio: 4.97 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 2.95 Failed ⁵	Ratio: 3.70 AA 18pt ²	Ratio: 1.17 Failed ⁵	Ratio: 1.07 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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