

Converting Colors - WCAG Matrix

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

Hex(FEFBDC) Hex(FFFEF5) Hex(FEDCDF) Hex(807F79) Hex(000000) Hex(808080)

	Hex(FEFBDC)	Hex(FFFEF5)	Hex(FEDCDF)	Hex(807F79)	Hex(000000)	Hex(808080)
Hex(FEFBDC)		Ratio: 1.03 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 3.83 AA 18pt ²	Ratio: 20.05 Passed ⁶	Ratio: 3.77 AA 18pt ²
Hex(FFFEF5)	Ratio: 1.03 Failed ⁵		Ratio: 1.26 Failed ⁵	Ratio: 3.97 AA 18pt ²	Ratio: 20.75 Passed ⁶	Ratio: 3.90 AA 18pt ²
Hex(FEDCDF)	Ratio: 1.21 Failed ⁵	Ratio: 1.26 Failed ⁵		Ratio: 3.16 AA 18pt ²	Ratio: 16.52 Passed ⁶	Ratio: 3.11 AA 18pt ²
Hex(807F79)	Ratio: 3.83 AA 18pt ²	Ratio: 3.97 AA 18pt ²	Ratio: 3.16 AA 18pt ²		Ratio: 5.23 AA ¹ AAA 18pt ⁴	Ratio: 1.02 Failed ⁵
Hex(000000)	Ratio: 20.05 Passed ⁶	Ratio: 20.75 Passed ⁶	Ratio: 16.52 Passed ⁶	Ratio: 5.23 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 3.77 AA 18pt ²	Ratio: 3.90 AA 18pt ²	Ratio: 3.11 AA 18pt ²	Ratio: 1.02 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.

This PDF was generated on convertingcolors.com.