

Converting Colors - WCAG Matrix

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

Hex(F5E5BC) Hex(FFFAED) Hex(F5BCCC) Hex(807D75) Hex(000000) Hex(808080)

	Hex(F5E5BC)	Hex(FFFAED)	Hex(F5BCCC)	Hex(807D75)	Hex(000000)	Hex(808080)
Hex(F5E5BC)		Ratio: 1.20 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 3.29 AA 18pt ²	Ratio: 16.82 Passed ⁶	Ratio: 3.16 AA 18pt ²
Hex(FFFAED)	Ratio: 1.20 Failed ⁵		Ratio: 1.56 Failed ⁵	Ratio: 3.94 AA 18pt ²	Ratio: 20.15 Passed ⁶	Ratio: 3.79 AA 18pt ²
Hex(F5BCCC)	Ratio: 1.30 Failed ⁵	Ratio: 1.56 Failed ⁵		Ratio: 2.53 Failed ⁵	Ratio: 12.95 Passed ⁶	Ratio: 2.44 Failed ⁵
Hex(807D75)	Ratio: 3.29 AA 18pt ²	Ratio: 3.94 AA 18pt ²	Ratio: 2.53 Failed ⁵		Ratio: 5.11 AA ¹ AAA 18pt ⁴	Ratio: 1.04 Failed ⁵
Hex(000000)	Ratio: 16.82 Passed ⁶	Ratio: 20.15 Passed ⁶	Ratio: 12.95 Passed ⁶	Ratio: 5.11 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 3.16 AA 18pt ²	Ratio: 3.79 AA 18pt ²	Ratio: 2.44 Failed ⁵	Ratio: 1.04 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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