

Converting Colors - WCAG Matrix

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

Hex(E5D6A6) Hex(FFFAEB) Hex(E5A6B6) Hex(807C73) Hex(000000) Hex(808080)

	Hex(E5D6A6)	Hex(FFFAEB)	Hex(E5A6B6)	Hex(807C73)	Hex(000000)	Hex(808080)
Hex(E5D6A6)		Ratio: 1.39 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 2.87 Failed ⁵	Ratio: 14.50 Passed ⁶	Ratio: 2.73 Failed ⁵
Hex(FFFAEB)	Ratio: 1.39 Failed ⁵		Ratio: 1.92 Failed ⁵	Ratio: 3.99 AA 18pt ²	Ratio: 20.13 Passed ⁶	Ratio: 3.79 AA 18pt ²
Hex(E5A6B6)	Ratio: 1.39 Failed ⁵	Ratio: 1.92 Failed ⁵		Ratio: 2.07 Failed ⁵	Ratio: 10.46 Passed ⁶	Ratio: 1.97 Failed ⁵
Hex(807C73)	Ratio: 2.87 Failed ⁵	Ratio: 3.99 AA 18pt ²	Ratio: 2.07 Failed ⁵		Ratio: 5.05 AA ¹ AAA 18pt ⁴	Ratio: 1.05 Failed ⁵
Hex(000000)	Ratio: 14.50 Passed ⁶	Ratio: 20.13 Passed ⁶	Ratio: 10.46 Passed ⁶	Ratio: 5.05 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 2.73 Failed ⁵	Ratio: 3.79 AA 18pt ²	Ratio: 1.97 Failed ⁵	Ratio: 1.05 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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