

Converting Colors - WCAG Matrix

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

Hex(EAEA5A) Hex(FFFFD1) Hex(EA5A5A) Hex(808063) Hex(000000) Hex(808080)

	Hex(EAEA5A)	Hex(FFFFD1)	Hex(EA5A5A)	Hex(808063)	Hex(000000)	Hex(808080)
Hex(EAEA5A)		Ratio: 1.25 Failed ⁵	Ratio: 2.69 Failed ⁵	Ratio: 3.17 AA 18pt ²	Ratio: 16.42 Passed ⁶	Ratio: 3.09 AA 18pt ²
Hex(FFFFD1)	Ratio: 1.25 Failed ⁵		Ratio: 3.35 AA 18pt ²	Ratio: 3.95 AA 18pt ²	Ratio: 20.48 Passed ⁶	Ratio: 3.85 AA 18pt ²
Hex(EA5A5A)	Ratio: 2.69 Failed ⁵	Ratio: 3.35 AA 18pt ²		Ratio: 1.18 Failed ⁵	Ratio: 6.11 AA ¹ AAA 18pt ⁴	Ratio: 1.15 Failed ⁵
Hex(808063)	Ratio: 3.17 AA 18pt ²	Ratio: 3.95 AA 18pt ²	Ratio: 1.18 Failed ⁵		Ratio: 5.19 AA ¹ AAA 18pt ⁴	Ratio: 1.03 Failed ⁵
Hex(000000)	Ratio: 16.42 Passed ⁶	Ratio: 20.48 Passed ⁶	Ratio: 6.11 AA ¹ AAA 18pt ⁴	Ratio: 5.19 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 3.09 AA 18pt ²	Ratio: 3.85 AA 18pt ²	Ratio: 1.15 Failed ⁵	Ratio: 1.03 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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