

Converting Colors - WCAG Matrix

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

Hex(CACA91) Hex(FFFFEB) Hex(CA9191) Hex(808073) Hex(000000) Hex(808080)

	Hex(CACA91)	Hex(FFFFEB)	Hex(CA9191)	Hex(808073)	Hex(000000)	Hex(808080)
Hex(CACA91)		Ratio: 1.68 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 2.35 Failed ⁵	Ratio: 12.37 Passed ⁶	Ratio: 2.33 Failed ⁵
Hex(FFFFEB)	Ratio: 1.68 Failed ⁵		Ratio: 2.60 Failed ⁵	Ratio: 3.95 AA 18pt ²	Ratio: 20.76 Passed ⁶	Ratio: 3.90 AA 18pt ²
Hex(CA9191)	Ratio: 1.55 Failed ⁵	Ratio: 2.60 Failed ⁵		Ratio: 1.52 Failed ⁵	Ratio: 7.97 Passed ⁶	Ratio: 1.50 Failed ⁵
Hex(808073)	Ratio: 2.35 Failed ⁵	Ratio: 3.95 AA 18pt ²	Ratio: 1.52 Failed ⁵		Ratio: 5.25 AA ¹ AAA 18pt ⁴	Ratio: 1.01 Failed ⁵
Hex(000000)	Ratio: 12.37 Passed ⁶	Ratio: 20.76 Passed ⁶	Ratio: 7.97 Passed ⁶	Ratio: 5.25 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 2.33 Failed ⁵	Ratio: 3.90 AA 18pt ²	Ratio: 1.50 Failed ⁵	Ratio: 1.01 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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