

Converting Colors - WCAG Matrix

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

Hex(CAA940) Hex(FFF3CC) Hex(CA4063) Hex(807861) Hex(000000) Hex(808080)

	Hex(CAA940)	Hex(FFF3CC)	Hex(CA4063)	Hex(807861)	Hex(000000)	Hex(808080)
Hex(CAA940)		Ratio: 2.05 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 9.26 Passed ⁶	Ratio: 1.74 Failed ⁵
Hex(FFF3CC)	Ratio: 2.05 Failed ⁵		Ratio: 4.28 AA 18pt ²	Ratio: 3.97 AA 18pt ²	Ratio: 18.94 Passed ⁶	Ratio: 3.56 AA 18pt ²
Hex(CA4063)	Ratio: 2.09 Failed ⁵	Ratio: 4.28 AA 18pt ²		Ratio: 1.08 Failed ⁵	Ratio: 4.42 AA 18pt ²	Ratio: 1.20 Failed ⁵
Hex(807861)	Ratio: 1.94 Failed ⁵	Ratio: 3.97 AA 18pt ²	Ratio: 1.08 Failed ⁵		Ratio: 4.78 AA ¹ AAA 18pt ⁴	Ratio: 1.11 Failed ⁵
Hex(000000)	Ratio: 9.26 Passed ⁶	Ratio: 18.94 Passed ⁶	Ratio: 4.42 AA 18pt ²	Ratio: 4.78 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 1.74 Failed ⁵	Ratio: 3.56 AA 18pt ²	Ratio: 1.20 Failed ⁵	Ratio: 1.11 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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