

Converting Colors - WCAG Matrix

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

Hex(CC9C00) Hex(FFEDB3) Hex(CC0030) Hex(7F7552) Hex(000000) Hex(808080)

	Hex(CC9C00)	Hex(FFEDB3)	Hex(CC0030)	Hex(7F7552)	Hex(000000)	Hex(808080)
Hex(CC9C00)		Ratio: 2.16 Failed ⁵	Ratio: 2.31 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 8.32 Passed ⁶	Ratio: 1.57 Failed ⁵
Hex(FFEDB3)	Ratio: 2.16 Failed ⁵		Ratio: 4.99 AA ¹ AAA 18pt ⁴	Ratio: 3.94 AA 18pt ²	Ratio: 18.02 Passed ⁶	Ratio: 3.39 AA 18pt ²
Hex(CC0030)	Ratio: 2.31 Failed ⁵	Ratio: 4.99 AA ¹ AAA 18pt ⁴		Ratio: 1.27 Failed ⁵	Ratio: 3.61 AA 18pt ²	Ratio: 1.47 Failed ⁵
Hex(7F7552)	Ratio: 1.82 Failed ⁵	Ratio: 3.94 AA 18pt ²	Ratio: 1.27 Failed ⁵		Ratio: 4.57 AA ¹ AAA 18pt ⁴	Ratio: 1.16 Failed ⁵
Hex(000000)	Ratio: 8.32 Passed ⁶	Ratio: 18.02 Passed ⁶	Ratio: 3.61 AA 18pt ²	Ratio: 4.57 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 1.57 Failed ⁵	Ratio: 3.39 AA 18pt ²	Ratio: 1.47 Failed ⁵	Ratio: 1.16 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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