

Converting Colors - WCAG Matrix

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

Hex(C95000) Hex(FFD1B3) Hex(C9007C) Hex(806452) Hex(000000) Hex(808080)

	Hex(C95000)	Hex(FFD1B3)	Hex(C9007C)	Hex(806452)	Hex(000000)	Hex(808080)
Hex(C95000)		Ratio: 3.24 AA 18pt ²	Ratio: 1.23 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 4.63 AA ¹ AAA 18pt ⁴	Ratio: 1.15 Failed ⁵
Hex(FFD1B3)	Ratio: 3.24 AA 18pt ²		Ratio: 3.98 AA 18pt ²	Ratio: 3.89 AA 18pt ²	Ratio: 15.02 Passed ⁶	Ratio: 2.83 Failed ⁵
Hex(C9007C)	Ratio: 1.23 Failed ⁵	Ratio: 3.98 AA 18pt ²		Ratio: 1.02 Failed ⁵	Ratio: 3.77 AA 18pt ²	Ratio: 1.41 Failed ⁵
Hex(806452)	Ratio: 1.20 Failed ⁵	Ratio: 3.89 AA 18pt ²	Ratio: 1.02 Failed ⁵		Ratio: 3.86 AA 18pt ²	Ratio: 1.38 Failed ⁵
Hex(000000)	Ratio: 4.63 AA ¹ AAA 18pt ⁴	Ratio: 15.02 Passed ⁶	Ratio: 3.77 AA 18pt ²	Ratio: 3.86 AA 18pt ²		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 1.15 Failed ⁵	Ratio: 2.83 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.38 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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