

Converting Colors - WCAG Matrix

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

Hex(DC5300) Hex(FFCFB3) Hex(DC008B) Hex(806352) Hex(000000) Hex(808080)

	Hex(DC5300)	Hex(FFCFB3)	Hex(DC008B)	Hex(806352)	Hex(000000)	Hex(808080)
Hex(DC5300)		Ratio: 2.81 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 5.28 AA ¹ AAA 18pt ⁴	Ratio: 1.01 Failed ⁵
Hex(FFCFB3)	Ratio: 2.81 Failed ⁵		Ratio: 3.36 AA 18pt ²	Ratio: 3.88 AA 18pt ²	Ratio: 14.83 Passed ⁶	Ratio: 2.79 Failed ⁵
Hex(DC008B)	Ratio: 1.20 Failed ⁵	Ratio: 3.36 AA 18pt ²		Ratio: 1.15 Failed ⁵	Ratio: 4.42 AA 18pt ²	Ratio: 1.20 Failed ⁵
Hex(806352)	Ratio: 1.38 Failed ⁵	Ratio: 3.88 AA 18pt ²	Ratio: 1.15 Failed ⁵		Ratio: 3.82 AA 18pt ²	Ratio: 1.39 Failed ⁵
Hex(000000)	Ratio: 5.28 AA ¹ AAA 18pt ⁴	Ratio: 14.83 Passed ⁶	Ratio: 4.42 AA 18pt ²	Ratio: 3.82 AA 18pt ²		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 1.01 Failed ⁵	Ratio: 2.79 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.39 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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