

Converting Colors - WCAG Matrix

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

Hex(D6C138) Hex(FFF8C7) Hex(D6384D) Hex(807B5E) Hex(000000) Hex(808080)

	Hex(D6C138)	Hex(FFF8C7)	Hex(D6384D)	Hex(807B5E)	Hex(000000)	Hex(808080)
Hex(D6C138)		Ratio: 1.69 Failed ⁵	Ratio: 2.55 Failed ⁵	Ratio: 2.35 Failed ⁵	Ratio: 11.54 Passed ⁶	Ratio: 2.17 Failed ⁵
Hex(FFF8C7)	Ratio: 1.69 Failed ⁵		Ratio: 4.30 AA 18pt ²	Ratio: 3.97 AA 18pt ²	Ratio: 19.50 Passed ⁶	Ratio: 3.67 AA 18pt ²
Hex(D6384D)	Ratio: 2.55 Failed ⁵	Ratio: 4.30 AA 18pt ²		Ratio: 1.08 Failed ⁵	Ratio: 4.53 AA ¹ AAA 18pt ⁴	Ratio: 1.17 Failed ⁵
Hex(807B5E)	Ratio: 2.35 Failed ⁵	Ratio: 3.97 AA 18pt ²	Ratio: 1.08 Failed ⁵		Ratio: 4.91 AA ¹ AAA 18pt ⁴	Ratio: 1.08 Failed ⁵
Hex(000000)	Ratio: 11.54 Passed ⁶	Ratio: 19.50 Passed ⁶	Ratio: 4.53 AA ¹ AAA 18pt ⁴	Ratio: 4.91 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 2.17 Failed ⁵	Ratio: 3.67 AA 18pt ²	Ratio: 1.17 Failed ⁵	Ratio: 1.08 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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