

Converting Colors - WCAG Matrix

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

Hex(D2C392) Hex(FFFAE8) Hex(D292A1) Hex(807C71) Hex(000000) Hex(808080)

	Hex(D2C392)	Hex(FFFAE8)	Hex(D292A1)	Hex(807C71)	Hex(000000)	Hex(808080)
Hex(D2C392)		Ratio: 1.68 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 2.37 Failed ⁵	Ratio: 11.96 Passed ⁶	Ratio: 2.25 Failed ⁵
Hex(FFFAE8)	Ratio: 1.68 Failed ⁵		Ratio: 2.40 Failed ⁵	Ratio: 3.99 AA 18pt ²	Ratio: 20.09 Passed ⁶	Ratio: 3.78 AA 18pt ²
Hex(D292A1)	Ratio: 1.43 Failed ⁵	Ratio: 2.40 Failed ⁵		Ratio: 1.66 Failed ⁵	Ratio: 8.37 Passed ⁶	Ratio: 1.57 Failed ⁵
Hex(807C71)	Ratio: 2.37 Failed ⁵	Ratio: 3.99 AA 18pt ²	Ratio: 1.66 Failed ⁵		Ratio: 5.04 AA ¹ AAA 18pt ⁴	Ratio: 1.06 Failed ⁵
Hex(000000)	Ratio: 11.96 Passed ⁶	Ratio: 20.09 Passed ⁶	Ratio: 8.37 Passed ⁶	Ratio: 5.04 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 2.25 Failed ⁵	Ratio: 3.78 AA 18pt ²	Ratio: 1.57 Failed ⁵	Ratio: 1.06 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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