

Converting Colors - WCAG Matrix

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

Hex(D5E18C) Hex(FBFFE3) Hex(E1988C) Hex(7D806F) Hex(000000) Hex(808080)

	Hex(D5E18C)	Hex(FBFFE3)	Hex(E1988C)	Hex(7D806F)	Hex(000000)	Hex(808080)
Hex(D5E18C)		Ratio: 1.37 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 2.89 Failed ⁵	Ratio: 14.98 Passed ⁶	Ratio: 2.82 Failed ⁵
Hex(FBFFE3)	Ratio: 1.37 Failed ⁵		Ratio: 2.26 Failed ⁵	Ratio: 3.95 AA 18pt ²	Ratio: 20.51 Passed ⁶	Ratio: 3.86 AA 18pt ²
Hex(E1988C)	Ratio: 1.65 Failed ⁵	Ratio: 2.26 Failed ⁵		Ratio: 1.75 Failed ⁵	Ratio: 9.07 Passed ⁶	Ratio: 1.71 Failed ⁵
Hex(7D806F)	Ratio: 2.89 Failed ⁵	Ratio: 3.95 AA 18pt ²	Ratio: 1.75 Failed ⁵		Ratio: 5.19 AA ¹ AAA 18pt ⁴	Ratio: 1.02 Failed ⁵
Hex(000000)	Ratio: 14.98 Passed ⁶	Ratio: 20.51 Passed ⁶	Ratio: 9.07 Passed ⁶	Ratio: 5.19 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 2.82 Failed ⁵	Ratio: 3.86 AA 18pt ²	Ratio: 1.71 Failed ⁵	Ratio: 1.02 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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