

Converting Colors - WCAG Matrix

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

Hex(D6E27F) Hex(FBFFDE) Hex(E28B7F) Hex(7D806B) Hex(000000) Hex(808080)

	Hex(D6E27F)	Hex(FBFFDE)	Hex(E28B7F)	Hex(7D806B)	Hex(000000)	Hex(808080)
Hex(D6E27F)		Ratio: 1.36 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 2.91 Failed ⁵	Ratio: 15.04 Passed ⁶	Ratio: 2.83 Failed ⁵
Hex(FBFFDE)	Ratio: 1.36 Failed ⁵		Ratio: 2.49 Failed ⁵	Ratio: 3.96 AA 18pt ²	Ratio: 20.46 Passed ⁶	Ratio: 3.85 AA 18pt ²
Hex(E28B7F)	Ratio: 1.83 Failed ⁵	Ratio: 2.49 Failed ⁵		Ratio: 1.59 Failed ⁵	Ratio: 8.23 Passed ⁶	Ratio: 1.55 Failed ⁵
Hex(7D806B)	Ratio: 2.91 Failed ⁵	Ratio: 3.96 AA 18pt ²	Ratio: 1.59 Failed ⁵		Ratio: 5.17 AA ¹ AAA 18pt ⁴	Ratio: 1.03 Failed ⁵
Hex(000000)	Ratio: 15.04 Passed ⁶	Ratio: 20.46 Passed ⁶	Ratio: 8.23 Passed ⁶	Ratio: 5.17 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 2.83 Failed ⁵	Ratio: 3.85 AA 18pt ²	Ratio: 1.55 Failed ⁵	Ratio: 1.03 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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