

Converting Colors - WCAG Matrix

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

Hex(FFDBA4) Hex(FFF4E3) Hex(FFA4C8) Hex(80796F) Hex(000000) Hex(808080)

	Hex(FFDBA4)	Hex(FFF4E3)	Hex(FFA4C8)	Hex(80796F)	Hex(000000)	Hex(808080)
Hex(FFDBA4)		Ratio: 1.21 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 3.26 AA 18pt ²	Ratio: 15.92 Passed ⁶	Ratio: 2.99 Failed ⁵
Hex(FFF4E3)	Ratio: 1.21 Failed ⁵		Ratio: 1.69 Failed ⁵	Ratio: 3.95 AA 18pt ²	Ratio: 19.30 Passed ⁶	Ratio: 3.63 AA 18pt ²
Hex(FFA4C8)	Ratio: 1.40 Failed ⁵	Ratio: 1.69 Failed ⁵		Ratio: 2.33 Failed ⁵	Ratio: 11.40 Passed ⁶	Ratio: 2.14 Failed ⁵
Hex(80796F)	Ratio: 3.26 AA 18pt ²	Ratio: 3.95 AA 18pt ²	Ratio: 2.33 Failed ⁵		Ratio: 4.88 AA ¹ AAA 18pt ⁴	Ratio: 1.09 Failed ⁵
Hex(000000)	Ratio: 15.92 Passed ⁶	Ratio: 19.30 Passed ⁶	Ratio: 11.40 Passed ⁶	Ratio: 4.88 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 2.99 Failed ⁵	Ratio: 3.63 AA 18pt ²	Ratio: 2.14 Failed ⁵	Ratio: 1.09 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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