

Converting Colors - WCAG Matrix

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

Hex(B97667) Hex(F0D6D1) Hex(B967AB) Hex(786865) Hex(F7F7F7) Hex(787878)

	Hex(B97667)	Hex(F0D6D1)	Hex(B967AB)	Hex(786865)	Hex(F7F7F7)	Hex(787878)
Hex(B97667)		Ratio: 2.61 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 3.35 AA 18pt ²	Ratio: 1.23 Failed ⁵
Hex(F0D6D1)	Ratio: 2.61 Failed ⁵		Ratio: 2.73 Failed ⁵	Ratio: 3.84 AA 18pt ²	Ratio: 1.29 Failed ⁵	Ratio: 3.21 AA 18pt ²
Hex(B967AB)	Ratio: 1.05 Failed ⁵	Ratio: 2.73 Failed ⁵		Ratio: 1.41 Failed ⁵	Ratio: 3.51 AA 18pt ²	Ratio: 1.18 Failed ⁵
Hex(786865)	Ratio: 1.47 Failed ⁵	Ratio: 3.84 AA 18pt ²	Ratio: 1.41 Failed ⁵		Ratio: 4.94 AA ¹ AAA 18pt ⁴	Ratio: 1.20 Failed ⁵
Hex(F7F7F7)	Ratio: 3.35 AA 18pt ²	Ratio: 1.29 Failed ⁵	Ratio: 3.51 AA 18pt ²	Ratio: 4.94 AA ¹ AAA 18pt ⁴		Ratio: 4.12 AA 18pt ²
Hex(787878)	Ratio: 1.23 Failed ⁵	Ratio: 3.21 AA 18pt ²	Ratio: 1.18 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 4.12 AA 18pt ²	

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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