

Converting Colors - WCAG Matrix

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

Hex(B9714E) Hex(F0D4C7) Hex(B94E97) Hex(786860) Hex(F7F7F7) Hex(787878)

	Hex(B9714E)	Hex(F0D4C7)	Hex(B94E97)	Hex(786860)	Hex(F7F7F7)	Hex(787878)
Hex(B9714E)		Ratio: 2.70 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 3.54 AA 18pt ²	Ratio: 1.16 Failed ⁵
Hex(F0D4C7)	Ratio: 2.70 Failed ⁵		Ratio: 3.25 AA 18pt ²	Ratio: 3.79 AA 18pt ²	Ratio: 1.31 Failed ⁵	Ratio: 3.14 AA 18pt ²
Hex(B94E97)	Ratio: 1.20 Failed ⁵	Ratio: 3.25 AA 18pt ²		Ratio: 1.17 Failed ⁵	Ratio: 4.26 AA 18pt ²	Ratio: 1.03 Failed ⁵
Hex(786860)	Ratio: 1.40 Failed ⁵	Ratio: 3.79 AA 18pt ²	Ratio: 1.17 Failed ⁵		Ratio: 4.97 AA ¹ AAA 18pt ⁴	Ratio: 1.20 Failed ⁵
Hex(F7F7F7)	Ratio: 3.54 AA 18pt ²	Ratio: 1.31 Failed ⁵	Ratio: 4.26 AA 18pt ²	Ratio: 4.97 AA ¹ AAA 18pt ⁴		Ratio: 4.12 AA 18pt ²
Hex(787878)	Ratio: 1.16 Failed ⁵	Ratio: 3.14 AA 18pt ²	Ratio: 1.03 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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