

Converting Colors - WCAG Matrix

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

Hex(B77B7B) Hex(EDD5D5) Hex(B77BB7) Hex(786969) Hex(F7F7F7) Hex(787878)

	Hex(B77B7B)	Hex(EDD5D5)	Hex(B77BB7)	Hex(786969)	Hex(F7F7F7)	Hex(787878)
Hex(B77B7B)		Ratio: 2.46 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 3.20 AA 18pt ²	Ratio: 1.29 Failed ⁵
Hex(EDD5D5)	Ratio: 2.46 Failed ⁵		Ratio: 2.31 Failed ⁵	Ratio: 3.75 AA 18pt ²	Ratio: 1.30 Failed ⁵	Ratio: 3.17 AA 18pt ²
Hex(B77BB7)	Ratio: 1.06 Failed ⁵	Ratio: 2.31 Failed ⁵		Ratio: 1.62 Failed ⁵	Ratio: 3.00 AA 18pt ²	Ratio: 1.37 Failed ⁵
Hex(786969)	Ratio: 1.52 Failed ⁵	Ratio: 3.75 AA 18pt ²	Ratio: 1.62 Failed ⁵		Ratio: 4.87 AA ¹ AAA 18pt ⁴	Ratio: 1.18 Failed ⁵
Hex(F7F7F7)	Ratio: 3.20 AA 18pt ²	Ratio: 1.30 Failed ⁵	Ratio: 3.00 AA 18pt ²	Ratio: 4.87 AA ¹ AAA 18pt ⁴		Ratio: 4.12 AA 18pt ²
Hex(787878)	Ratio: 1.29 Failed ⁵	Ratio: 3.17 AA 18pt ²	Ratio: 1.37 Failed ⁵	Ratio: 1.18 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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