

Converting Colors - WCAG Matrix

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

Hex(B5887D) Hex(EBDAD5) Hex(B57DAA) Hex(756B68) Hex(F5F5F5) Hex(757575)

	Hex(B5887D)	Hex(EBDAD5)	Hex(B57DAA)	Hex(756B68)	Hex(F5F5F5)	Hex(757575)
Hex(B5887D)		Ratio: 2.29 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 2.84 Failed ⁵	Ratio: 1.49 Failed ⁵
Hex(EBDAD5)	Ratio: 2.29 Failed ⁵		Ratio: 2.40 Failed ⁵	Ratio: 3.82 AA 18pt ²	Ratio: 1.24 Failed ⁵	Ratio: 3.41 AA 18pt ²
Hex(B57DAA)	Ratio: 1.05 Failed ⁵	Ratio: 2.40 Failed ⁵		Ratio: 1.60 Failed ⁵	Ratio: 2.97 Failed ⁵	Ratio: 1.42 Failed ⁵
Hex(756B68)	Ratio: 1.67 Failed ⁵	Ratio: 3.82 AA 18pt ²	Ratio: 1.60 Failed ⁵		Ratio: 4.75 AA ¹ AAA 18pt ⁴	Ratio: 1.12 Failed ⁵
Hex(F5F5F5)	Ratio: 2.84 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 2.97 Failed ⁵	Ratio: 4.75 AA ¹ AAA 18pt ⁴		Ratio: 4.23 AA 18pt ²
Hex(757575)	Ratio: 1.49 Failed ⁵	Ratio: 3.41 AA 18pt ²	Ratio: 1.42 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 4.23 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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