

Converting Colors - WCAG Matrix

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

Hex(BD8422) Hex(F5DEB8) Hex(BD225D) Hex(7A6D56) Hex(FAFAFA) Hex(7A7A7A)

	Hex(BD8422)	Hex(F5DEB8)	Hex(BD225D)	Hex(7A6D56)	Hex(FAFAFA)	Hex(7A7A7A)
Hex(BD8422)		Ratio: 2.47 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 3.10 AA 18pt ²	Ratio: 1.33 Failed ⁵
Hex(F5DEB8)	Ratio: 2.47 Failed ⁵		Ratio: 4.51 AA ¹ AAA 18pt ⁴	Ratio: 3.86 AA 18pt ²	Ratio: 1.26 Failed ⁵	Ratio: 3.28 AA 18pt ²
Hex(BD225D)	Ratio: 1.83 Failed ⁵	Ratio: 4.51 AA ¹ AAA 18pt ⁴		Ratio: 1.17 Failed ⁵	Ratio: 5.67 AA ¹ AAA 18pt ⁴	Ratio: 1.38 Failed ⁵
Hex(7A6D56)	Ratio: 1.56 Failed ⁵	Ratio: 3.86 AA 18pt ²	Ratio: 1.17 Failed ⁵		Ratio: 4.85 AA ¹ AAA 18pt ⁴	Ratio: 1.18 Failed ⁵
Hex(FAFAFA)	Ratio: 3.10 AA 18pt ²	Ratio: 1.26 Failed ⁵	Ratio: 5.67 AA ¹ AAA 18pt ⁴	Ratio: 4.85 AA ¹ AAA 18pt ⁴		Ratio: 4.11 AA 18pt ²
Hex(7A7A7A)	Ratio: 1.33 Failed ⁵	Ratio: 3.28 AA 18pt ²	Ratio: 1.38 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 4.11 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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