

Converting Colors - WCAG Matrix

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

Hex(BB7D0E) Hex(F2DAAE) Hex(BB0E4D) Hex(7A6B51) Hex(FAFAFA) Hex(7A7A7A)

	Hex(BB7D0E)	Hex(F2DAAE)	Hex(BB0E4D)	Hex(7A6B51)	Hex(FAFAFA)	Hex(7A7A7A)
Hex(BB7D0E)		Ratio: 2.55 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 3.32 AA 18pt ²	Ratio: 1.24 Failed ⁵
Hex(F2DAAE)	Ratio: 2.55 Failed ⁵		Ratio: 4.70 AA ¹ AAA 18pt ⁴	Ratio: 3.81 AA 18pt ²	Ratio: 1.31 Failed ⁵	Ratio: 3.15 AA 18pt ²
Hex(BB0E4D)	Ratio: 1.84 Failed ⁵	Ratio: 4.70 AA ¹ AAA 18pt ⁴		Ratio: 1.23 Failed ⁵	Ratio: 6.13 AA ¹ AAA 18pt ⁴	Ratio: 1.49 Failed ⁵
Hex(7A6B51)	Ratio: 1.49 Failed ⁵	Ratio: 3.81 AA 18pt ²	Ratio: 1.23 Failed ⁵		Ratio: 4.97 AA ¹ AAA 18pt ⁴	Ratio: 1.21 Failed ⁵
Hex(FAFAFA)	Ratio: 3.32 AA 18pt ²	Ratio: 1.31 Failed ⁵	Ratio: 6.13 AA ¹ AAA 18pt ⁴	Ratio: 4.97 AA ¹ AAA 18pt ⁴		Ratio: 4.11 AA 18pt ²
Hex(7A7A7A)	Ratio: 1.24 Failed ⁵	Ratio: 3.15 AA 18pt ²	Ratio: 1.49 Failed ⁵	Ratio: 1.21 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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