

Converting Colors - WCAG Matrix

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

Hex(A4BF0C) Hex(EFFAB4) Hex(BF270C) Hex(777D52) Hex(FCFCFC) Hex(7D7D7D)

	Hex(A4BF0C)	Hex(EFFAB4)	Hex(BF270C)	Hex(777D52)	Hex(FCFCFC)	Hex(7D7D7D)
Hex(A4BF0C)		Ratio: 1.89 Failed ⁵	Ratio: 2.86 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 1.97 Failed ⁵
Hex(EFFAB4)	Ratio: 1.89 Failed ⁵		Ratio: 5.41 AA ¹ AAA 18pt ⁴	Ratio: 3.93 AA 18pt ²	Ratio: 1.08 Failed ⁵	Ratio: 3.72 AA 18pt ²
Hex(BF270C)	Ratio: 2.86 Failed ⁵	Ratio: 5.41 AA ¹ AAA 18pt ⁴		Ratio: 1.38 Failed ⁵	Ratio: 5.83 AA ¹ AAA 18pt ⁴	Ratio: 1.45 Failed ⁵
Hex(777D52)	Ratio: 2.07 Failed ⁵	Ratio: 3.93 AA 18pt ²	Ratio: 1.38 Failed ⁵		Ratio: 4.23 AA 18pt ²	Ratio: 1.05 Failed ⁵
Hex(FCFCFC)	Ratio: 2.04 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 5.83 AA ¹ AAA 18pt ⁴	Ratio: 4.23 AA 18pt ²		Ratio: 4.01 AA 18pt ²
Hex(7D7D7D)	Ratio: 1.97 Failed ⁵	Ratio: 3.72 AA 18pt ²	Ratio: 1.45 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 4.01 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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