

Converting Colors - WCAG Matrix

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

Hex(00BD3C) Hex(ABF5C3) Hex(81BD00) Hex(4E7A5C) Hex(FAFAFA) Hex(7A7A7A)

	Hex(00BD3C)	Hex(ABF5C3)	Hex(81BD00)	Hex(4E7A5C)	Hex(FAFAFA)	Hex(7A7A7A)
Hex(00BD3C)		Ratio: 1.99 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 2.41 Failed ⁵	Ratio: 1.71 Failed ⁵
Hex(ABF5C3)	Ratio: 1.99 Failed ⁵		Ratio: 1.80 Failed ⁵	Ratio: 3.89 AA 18pt ²	Ratio: 1.21 Failed ⁵	Ratio: 3.39 AA 18pt ²
Hex(81BD00)	Ratio: 1.10 Failed ⁵	Ratio: 1.80 Failed ⁵		Ratio: 2.16 Failed ⁵	Ratio: 2.18 Failed ⁵	Ratio: 1.88 Failed ⁵
Hex(4E7A5C)	Ratio: 1.96 Failed ⁵	Ratio: 3.89 AA 18pt ²	Ratio: 2.16 Failed ⁵		Ratio: 4.72 AA ¹ AAA 18pt ⁴	Ratio: 1.15 Failed ⁵
Hex(FAFAFA)	Ratio: 2.41 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 2.18 Failed ⁵	Ratio: 4.72 AA ¹ AAA 18pt ⁴		Ratio: 4.11 AA 18pt ²
Hex(7A7A7A)	Ratio: 1.71 Failed ⁵	Ratio: 3.39 AA 18pt ²	Ratio: 1.88 Failed ⁵	Ratio: 1.15 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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