

Converting Colors - WCAG Matrix

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

Hex(70AB00) Hex(C7DE9B) Hex(AB3900) Hex(627048) Hex(F0F0F0) Hex(707070)

	Hex(70AB00)	Hex(C7DE9B)	Hex(AB3900)	Hex(627048)	Hex(F0F0F0)	Hex(707070)
Hex(70AB00)		Ratio: 1.91 Failed ⁵	Ratio: 2.27 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 2.45 Failed ⁵	Ratio: 1.77 Failed ⁵
Hex(C7DE9B)	Ratio: 1.91 Failed ⁵		Ratio: 4.33 AA 18pt ²	Ratio: 3.65 AA 18pt ²	Ratio: 1.28 Failed ⁵	Ratio: 3.38 AA 18pt ²
Hex(AB3900)	Ratio: 2.27 Failed ⁵	Ratio: 4.33 AA 18pt ²		Ratio: 1.19 Failed ⁵	Ratio: 5.56 AA ¹ AAA 18pt ⁴	Ratio: 1.28 Failed ⁵
Hex(627048)	Ratio: 1.91 Failed ⁵	Ratio: 3.65 AA 18pt ²	Ratio: 1.19 Failed ⁵		Ratio: 4.69 AA ¹ AAA 18pt ⁴	Ratio: 1.08 Failed ⁵
Hex(F0F0F0)	Ratio: 2.45 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 5.56 AA ¹ AAA 18pt ⁴	Ratio: 4.69 AA ¹ AAA 18pt ⁴		Ratio: 4.35 AA 18pt ²
Hex(707070)	Ratio: 1.77 Failed ⁵	Ratio: 3.38 AA 18pt ²	Ratio: 1.28 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 4.35 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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