

Converting Colors - WCAG Matrix

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

Hex(AB8C72) Hex(DED2C8) Hex(AB7291) Hex(706963) Hex(F0F0F0) Hex(707070)

	Hex(AB8C72)	Hex(DED2C8)	Hex(AB7291)	Hex(706963)	Hex(F0F0F0)	Hex(707070)
Hex(AB8C72)		Ratio: 2.11 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 2.74 Failed ⁵	Ratio: 1.59 Failed ⁵
Hex(DED2C8)	Ratio: 2.11 Failed ⁵		Ratio: 2.55 Failed ⁵	Ratio: 3.64 AA 18pt ²	Ratio: 1.30 Failed ⁵	Ratio: 3.34 AA 18pt ²
Hex(AB7291)	Ratio: 1.21 Failed ⁵	Ratio: 2.55 Failed ⁵		Ratio: 1.43 Failed ⁵	Ratio: 3.32 AA 18pt ²	Ratio: 1.31 Failed ⁵
Hex(706963)	Ratio: 1.73 Failed ⁵	Ratio: 3.64 AA 18pt ²	Ratio: 1.43 Failed ⁵		Ratio: 4.74 AA ¹ AAA 18pt ⁴	Ratio: 1.09 Failed ⁵
Hex(F0F0F0)	Ratio: 2.74 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 3.32 AA 18pt ²	Ratio: 4.74 AA ¹ AAA 18pt ⁴		Ratio: 4.35 AA 18pt ²
Hex(707070)	Ratio: 1.59 Failed ⁵	Ratio: 3.34 AA 18pt ²	Ratio: 1.31 Failed ⁵	Ratio: 1.09 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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