

Converting Colors - WCAG Matrix

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

Hex(ABA493) Hex(DEDBD5) Hex(AB939A) Hex(706F6B) Hex(F0F0F0) Hex(707070)

	Hex(ABA493)	Hex(DEDBD5)	Hex(AB939A)	Hex(706F6B)	Hex(F0F0F0)	Hex(707070)
Hex(ABA493)		Ratio: 1.80 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 2.18 Failed ⁵	Ratio: 2.00 Failed ⁵
Hex(DEDBD5)	Ratio: 1.80 Failed ⁵		Ratio: 2.06 Failed ⁵	Ratio: 3.64 AA 18pt ²	Ratio: 1.21 Failed ⁵	Ratio: 3.58 AA 18pt ²
Hex(AB939A)	Ratio: 1.15 Failed ⁵	Ratio: 2.06 Failed ⁵		Ratio: 1.77 Failed ⁵	Ratio: 2.50 Failed ⁵	Ratio: 1.74 Failed ⁵
Hex(706F6B)	Ratio: 2.03 Failed ⁵	Ratio: 3.64 AA 18pt ²	Ratio: 1.77 Failed ⁵		Ratio: 4.41 AA 18pt ²	Ratio: 1.02 Failed ⁵
Hex(F0F0F0)	Ratio: 2.18 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 2.50 Failed ⁵	Ratio: 4.41 AA 18pt ²		Ratio: 4.35 AA 18pt ²
Hex(707070)	Ratio: 2.00 Failed ⁵	Ratio: 3.58 AA 18pt ²	Ratio: 1.74 Failed ⁵	Ratio: 1.02 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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