

Converting Colors - WCAG Matrix

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

Hex(A6B4A1) Hex(E5EBE4) Hex(B4AFA1) Hex(727571) Hex(F5F5F5) Hex(757575)

	Hex(A6B4A1)	Hex(E5EBE4)	Hex(B4AFA1)	Hex(727571)	Hex(F5F5F5)	Hex(757575)
Hex(A6B4A1)		Ratio: 1.79 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 2.12 Failed ⁵
Hex(E5EBE4)	Ratio: 1.79 Failed ⁵		Ratio: 1.81 Failed ⁵	Ratio: 3.85 AA 18pt ²	Ratio: 1.11 Failed ⁵	Ratio: 3.80 AA 18pt ²
Hex(B4AFA1)	Ratio: 1.01 Failed ⁵	Ratio: 1.81 Failed ⁵		Ratio: 2.13 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 2.10 Failed ⁵
Hex(727571)	Ratio: 2.15 Failed ⁵	Ratio: 3.85 AA 18pt ²	Ratio: 2.13 Failed ⁵		Ratio: 4.28 AA 18pt ²	Ratio: 1.01 Failed ⁵
Hex(F5F5F5)	Ratio: 1.99 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 4.28 AA 18pt ²		Ratio: 4.23 AA 18pt ²
Hex(757575)	Ratio: 2.12 Failed ⁵	Ratio: 3.80 AA 18pt ²	Ratio: 2.10 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 4.23 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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