

Converting Colors - WCAG Matrix

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

Hex(B1A9A6) Hex(E6E2E1) Hex(B1A6AE) Hex(737170) Hex(F2F2F2) Hex(737373)

	Hex(B1A9A6)	Hex(E6E2E1)	Hex(B1A6AE)	Hex(737170)	Hex(F2F2F2)	Hex(737373)
Hex(B1A9A6)		Ratio: 1.80 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 2.05 Failed ⁵
Hex(E6E2E1)	Ratio: 1.80 Failed ⁵		Ratio: 1.83 Failed ⁵	Ratio: 3.78 AA 18pt ²	Ratio: 1.15 Failed ⁵	Ratio: 3.69 AA 18pt ²
Hex(B1A6AE)	Ratio: 1.02 Failed ⁵	Ratio: 1.83 Failed ⁵		Ratio: 2.07 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 2.02 Failed ⁵
Hex(737170)	Ratio: 2.10 Failed ⁵	Ratio: 3.78 AA 18pt ²	Ratio: 2.07 Failed ⁵		Ratio: 4.34 AA 18pt ²	Ratio: 1.02 Failed ⁵
Hex(F2F2F2)	Ratio: 2.06 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 4.34 AA 18pt ²		Ratio: 4.24 AA 18pt ²
Hex(737373)	Ratio: 2.05 Failed ⁵	Ratio: 3.69 AA 18pt ²	Ratio: 2.02 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 4.24 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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