

Converting Colors - WCAG Matrix

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

Hex(B8A6AB) Hex(F0E8EB) Hex(B3A6B8) Hex(787373) Hex(F7F7F7) Hex(787878)

	Hex(B8A6AB)	Hex(F0E8EB)	Hex(B3A6B8)	Hex(787373)	Hex(F7F7F7)	Hex(787878)
Hex(B8A6AB)		Ratio: 1.92 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 2.16 Failed ⁵	Ratio: 1.91 Failed ⁵
Hex(F0E8EB)	Ratio: 1.92 Failed ⁵		Ratio: 1.93 Failed ⁵	Ratio: 3.88 AA 18pt ²	Ratio: 1.12 Failed ⁵	Ratio: 3.67 AA 18pt ²
Hex(B3A6B8)	Ratio: 1.00 Failed ⁵	Ratio: 1.93 Failed ⁵		Ratio: 2.01 Failed ⁵	Ratio: 2.16 Failed ⁵	Ratio: 1.91 Failed ⁵
Hex(787373)	Ratio: 2.02 Failed ⁵	Ratio: 3.88 AA 18pt ²	Ratio: 2.01 Failed ⁵		Ratio: 4.36 AA 18pt ²	Ratio: 1.06 Failed ⁵
Hex(F7F7F7)	Ratio: 2.16 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 2.16 Failed ⁵	Ratio: 4.36 AA 18pt ²		Ratio: 4.12 AA 18pt ²
Hex(787878)	Ratio: 1.91 Failed ⁵	Ratio: 3.67 AA 18pt ²	Ratio: 1.91 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 4.12 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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