

Converting Colors - WCAG Matrix

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

Hex(B8A0B0) Hex(F0E6ED) Hex(A8A0B8) Hex(787276) Hex(F7F7F7) Hex(787878)

	Hex(B8A0B0)	Hex(F0E6ED)	Hex(A8A0B8)	Hex(787276)	Hex(F7F7F7)	Hex(787878)
Hex(B8A0B0)		Ratio: 1.98 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 2.25 Failed ⁵	Ratio: 1.83 Failed ⁵
Hex(F0E6ED)	Ratio: 1.98 Failed ⁵		Ratio: 2.06 Failed ⁵	Ratio: 3.86 AA 18pt ²	Ratio: 1.14 Failed ⁵	Ratio: 3.63 AA 18pt ²
Hex(A8A0B8)	Ratio: 1.04 Failed ⁵	Ratio: 2.06 Failed ⁵		Ratio: 1.88 Failed ⁵	Ratio: 2.34 Failed ⁵	Ratio: 1.76 Failed ⁵
Hex(787276)	Ratio: 1.95 Failed ⁵	Ratio: 3.86 AA 18pt ²	Ratio: 1.88 Failed ⁵		Ratio: 4.39 AA 18pt ²	Ratio: 1.06 Failed ⁵
Hex(F7F7F7)	Ratio: 2.25 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 2.34 Failed ⁵	Ratio: 4.39 AA 18pt ²		Ratio: 4.12 AA 18pt ²
Hex(787878)	Ratio: 1.83 Failed ⁵	Ratio: 3.63 AA 18pt ²	Ratio: 1.76 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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