

Converting Colors - WCAG Matrix

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

Hex(BFA2BE) Hex(F7EBF7) Hex(A3A2BF) Hex(7D757D) Hex(FCFCFC) Hex(7D7D7D)

	Hex(BFA2BE)	Hex(F7EBF7)	Hex(A3A2BF)	Hex(7D757D)	Hex(FCFCFC)	Hex(7D7D7D)
Hex(BFA2BE)		Ratio: 1.99 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 2.24 Failed ⁵	Ratio: 1.79 Failed ⁵
Hex(F7EBF7)	Ratio: 1.99 Failed ⁵		Ratio: 2.14 Failed ⁵	Ratio: 3.86 AA 18pt ²	Ratio: 1.13 Failed ⁵	Ratio: 3.56 AA 18pt ²
Hex(A3A2BF)	Ratio: 1.08 Failed ⁵	Ratio: 2.14 Failed ⁵		Ratio: 1.80 Failed ⁵	Ratio: 2.41 Failed ⁵	Ratio: 1.66 Failed ⁵
Hex(7D757D)	Ratio: 1.94 Failed ⁵	Ratio: 3.86 AA 18pt ²	Ratio: 1.80 Failed ⁵		Ratio: 4.34 AA 18pt ²	Ratio: 1.08 Failed ⁵
Hex(FCFCFC)	Ratio: 2.24 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 2.41 Failed ⁵	Ratio: 4.34 AA 18pt ²		Ratio: 4.01 AA 18pt ²
Hex(7D7D7D)	Ratio: 1.79 Failed ⁵	Ratio: 3.56 AA 18pt ²	Ratio: 1.66 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 4.01 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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