

Converting Colors - WCAG Matrix

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

Hex(FAB4B8) Hex(FFA8AD) Hex(B4DCFA) Hex(7D7071) Hex(BD000B) Hex(3D0003)

	Hex(FAB4B8)	Hex(FFA8AD)	Hex(B4DCFA)	Hex(7D7071)	Hex(BD000B)	Hex(3D0003)
Hex(FAB4B8)		Ratio: 1.07 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 2.77 Failed ⁵	Ratio: 3.88 AA 18pt ²	Ratio: 10.24 Passed ⁶
Hex(FFA8AD)	Ratio: 1.07 Failed ⁵		Ratio: 1.27 Failed ⁵	Ratio: 2.59 Failed ⁵	Ratio: 3.62 AA 18pt ²	Ratio: 9.55 Passed ⁶
Hex(B4DCFA)	Ratio: 1.19 Failed ⁵	Ratio: 1.27 Failed ⁵		Ratio: 3.29 AA 18pt ²	Ratio: 4.59 AA ¹ AAA 18pt ⁴	Ratio: 12.13 Passed ⁶
Hex(7D7071)	Ratio: 2.77 Failed ⁵	Ratio: 2.59 Failed ⁵	Ratio: 3.29 AA 18pt ²		Ratio: 1.40 Failed ⁵	Ratio: 3.69 AA 18pt ²
Hex(BD000B)	Ratio: 3.88 AA 18pt ²	Ratio: 3.62 AA 18pt ²	Ratio: 4.59 AA ¹ AAA 18pt ⁴	Ratio: 1.40 Failed ⁵		Ratio: 2.64 Failed ⁵
Hex(3D0003)	Ratio: 10.24 Passed ⁶	Ratio: 9.55 Passed ⁶	Ratio: 12.13 Passed ⁶	Ratio: 3.69 AA 18pt ²	Ratio: 2.64 Failed ⁵	

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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