

Converting Colors - WCAG Matrix

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

Hex(F4AED3) Hex(FFA8D6) Hex(AEF4F2) Hex(7A6E75) Hex(BA0062) Hex(3B001F)

	Hex(F4AED3)	Hex(FFA8D6)	Hex(AEF4F2)	Hex(7A6E75)	Hex(BA0062)	Hex(3B001F)
Hex(F4AED3)		Ratio: 1.00 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 2.74 Failed ⁵	Ratio: 3.63 AA 18pt ²	Ratio: 9.82 Passed ⁶
Hex(FFA8D6)	Ratio: 1.00 Failed ⁵		Ratio: 1.44 Failed ⁵	Ratio: 2.74 Failed ⁵	Ratio: 3.62 AA 18pt ²	Ratio: 9.81 Passed ⁶
Hex(AEF4F2)	Ratio: 1.44 Failed ⁵	Ratio: 1.44 Failed ⁵		Ratio: 3.95 AA 18pt ²	Ratio: 5.21 AA ¹ AAA 18pt ⁴	Ratio: 14.12 Passed ⁶
Hex(7A6E75)	Ratio: 2.74 Failed ⁵	Ratio: 2.74 Failed ⁵	Ratio: 3.95 AA 18pt ²		Ratio: 1.32 Failed ⁵	Ratio: 3.58 AA 18pt ²
Hex(BA0062)	Ratio: 3.63 AA 18pt ²	Ratio: 3.62 AA 18pt ²	Ratio: 5.21 AA ¹ AAA 18pt ⁴	Ratio: 1.32 Failed ⁵		Ratio: 2.71 Failed ⁵
Hex(3B001F)	Ratio: 9.82 Passed ⁶	Ratio: 9.81 Passed ⁶	Ratio: 14.12 Passed ⁶	Ratio: 3.58 AA 18pt ²	Ratio: 2.71 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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