

Converting Colors - WCAG Matrix

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

Hex(F299B3) Hex(FF8FB0) Hex(F2AB99) Hex(7A6E73) Hex(BA0036) Hex(3B0012)

	Hex(F299B3)	Hex(FF8FB0)	Hex(F2AB99)	Hex(7A6E73)	Hex(BA0036)	Hex(3B0012)
Hex(F299B3)		Ratio: 1.02 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 2.32 Failed ⁵	Ratio: 3.18 AA 18pt ²	Ratio: 8.36 Passed ⁶
Hex(FF8FB0)	Ratio: 1.02 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 2.28 Failed ⁵	Ratio: 3.12 AA 18pt ²	Ratio: 8.21 Passed ⁶
Hex(F2AB99)	Ratio: 1.11 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 2.57 Failed ⁵	Ratio: 3.52 AA 18pt ²	Ratio: 9.26 Passed ⁶
Hex(7A6E73)	Ratio: 2.32 Failed ⁵	Ratio: 2.28 Failed ⁵	Ratio: 2.57 Failed ⁵		Ratio: 1.37 Failed ⁵	Ratio: 3.60 AA 18pt ²
Hex(BA0036)	Ratio: 3.18 AA 18pt ²	Ratio: 3.12 AA 18pt ²	Ratio: 3.52 AA 18pt ²	Ratio: 1.37 Failed ⁵		Ratio: 2.63 Failed ⁵
Hex(3B0012)	Ratio: 8.36 Passed ⁶	Ratio: 8.21 Passed ⁶	Ratio: 9.26 Passed ⁶	Ratio: 3.60 AA 18pt ²	Ratio: 2.63 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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