

Converting Colors - WCAG Matrix

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

Hex(F4B8C9) Hex(FFB3C8) Hex(F4C5B8) Hex(7A6E72) Hex(BA0035) Hex(3B0011)

	Hex(F4B8C9)	Hex(FFB3C8)	Hex(F4C5B8)	Hex(7A6E72)	Hex(BA0035)	Hex(3B0011)
Hex(F4B8C9)		Ratio: 1.00 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 2.92 Failed ⁵	Ratio: 4.00 AA 18pt ²	Ratio: 10.51 Passed ⁶
Hex(FFB3C8)	Ratio: 1.00 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 2.91 Failed ⁵	Ratio: 3.99 AA 18pt ²	Ratio: 10.50 Passed ⁶
Hex(F4C5B8)	Ratio: 1.08 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 3.14 AA 18pt ²	Ratio: 4.31 AA 18pt ²	Ratio: 11.33 Passed ⁶
Hex(7A6E72)	Ratio: 2.92 Failed ⁵	Ratio: 2.91 Failed ⁵	Ratio: 3.14 AA 18pt ²		Ratio: 1.37 Failed ⁵	Ratio: 3.60 AA 18pt ²
Hex(BA0035)	Ratio: 4.00 AA 18pt ²	Ratio: 3.99 AA 18pt ²	Ratio: 4.31 AA 18pt ²	Ratio: 1.37 Failed ⁵		Ratio: 2.63 Failed ⁵
Hex(3B0011)	Ratio: 10.51 Passed ⁶	Ratio: 10.50 Passed ⁶	Ratio: 11.33 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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