

Converting Colors - WCAG Matrix

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

Hex(F8B9E8) Hex(FFB3EC) Hex(C9F8B9) Hex(7D707A) Hex(BD008E) Hex(3D002E)

	Hex(F8B9E8)	Hex(FFB3EC)	Hex(C9F8B9)	Hex(7D707A)	Hex(BD008E)	Hex(3D002E)
Hex(F8B9E8)		Ratio: 1.01 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 2.93 Failed ⁵	Ratio: 3.68 AA 18pt ²	Ratio: 10.58 Passed ⁶
Hex(FFB3EC)	Ratio: 1.01 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 2.89 Failed ⁵	Ratio: 3.63 AA 18pt ²	Ratio: 10.43 Passed ⁶
Hex(C9F8B9)	Ratio: 1.34 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 3.94 AA 18pt ²	Ratio: 4.95 AA ¹ AAA 18pt ⁴	Ratio: 14.23 Passed ⁶
Hex(7D707A)	Ratio: 2.93 Failed ⁵	Ratio: 2.89 Failed ⁵	Ratio: 3.94 AA 18pt ²		Ratio: 1.26 Failed ⁵	Ratio: 3.61 AA 18pt ²
Hex(BD008E)	Ratio: 3.68 AA 18pt ²	Ratio: 3.63 AA 18pt ²	Ratio: 4.95 AA ¹ AAA 18pt ⁴	Ratio: 1.26 Failed ⁵		Ratio: 2.87 Failed ⁵
Hex(3D002E)	Ratio: 10.58 Passed ⁶	Ratio: 10.43 Passed ⁶	Ratio: 14.23 Passed ⁶	Ratio: 3.61 AA 18pt ²	Ratio: 2.87 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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