

Converting Colors - WCAG Matrix

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

Hex(FFC9CD) Hex(FFBFC4) Hex(FFE0C9) Hex(807374) Hex(BF000E) Hex(400005)

	Hex(FFC9CD)	Hex(FFBFC4)	Hex(FFE0C9)	Hex(807374)	Hex(BF000E)	Hex(400005)
Hex(FFC9CD)		Ratio: 1.07 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 3.13 AA 18pt ²	Ratio: 4.50 AA ¹ AAA 18pt ⁴	Ratio: 11.87 Passed ⁶
Hex(FFBFC4)	Ratio: 1.07 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 2.92 Failed ⁵	Ratio: 4.19 AA 18pt ²	Ratio: 11.06 Passed ⁶
Hex(FFE0C9)	Ratio: 1.16 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 3.63 AA 18pt ²	Ratio: 5.20 AA ¹ AAA 18pt ⁴	Ratio: 13.73 Passed ⁶
Hex(807374)	Ratio: 3.13 AA 18pt ²	Ratio: 2.92 Failed ⁵	Ratio: 3.63 AA 18pt ²		Ratio: 1.43 Failed ⁵	Ratio: 3.79 AA 18pt ²
Hex(BF000E)	Ratio: 4.50 AA ¹ AAA 18pt ⁴	Ratio: 4.19 AA 18pt ²	Ratio: 5.20 AA ¹ AAA 18pt ⁴	Ratio: 1.43 Failed ⁵		Ratio: 2.64 Failed ⁵
Hex(400005)	Ratio: 11.87 Passed ⁶	Ratio: 11.06 Passed ⁶	Ratio: 13.73 Passed ⁶	Ratio: 3.79 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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