

Converting Colors - WCAG Matrix

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

Hex(FFC1CD) Hex(FFB5C3) Hex(C1ECFF) Hex(807375) Hex(BF0025) Hex(40000C)

	Hex(FFC1CD)	Hex(FFB5C3)	Hex(C1ECFF)	Hex(807375)	Hex(BF0025)	Hex(40000C)
Hex(FFC1CD)		Ratio: 1.09 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 2.97 Failed ⁵	Ratio: 4.24 AA 18pt ²	Ratio: 11.25 Passed ⁶
Hex(FFB5C3)	Ratio: 1.09 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 2.73 Failed ⁵	Ratio: 3.90 AA 18pt ²	Ratio: 10.34 Passed ⁶
Hex(C1ECFF)	Ratio: 1.21 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 3.61 AA 18pt ²	Ratio: 5.15 AA ¹ AAA 18pt ⁴	Ratio: 13.66 Passed ⁶
Hex(807375)	Ratio: 2.97 Failed ⁵	Ratio: 2.73 Failed ⁵	Ratio: 3.61 AA 18pt ²		Ratio: 1.43 Failed ⁵	Ratio: 3.78 AA 18pt ²
Hex(BF0025)	Ratio: 4.24 AA 18pt ²	Ratio: 3.90 AA 18pt ²	Ratio: 5.15 AA ¹ AAA 18pt ⁴	Ratio: 1.43 Failed ⁵		Ratio: 2.65 Failed ⁵
Hex(40000C)	Ratio: 11.25 Passed ⁶	Ratio: 10.34 Passed ⁶	Ratio: 13.66 Passed ⁶	Ratio: 3.78 AA 18pt ²	Ratio: 2.65 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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