

Converting Colors - WCAG Matrix

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

Hex(FFCCD0) Hex(FFC2C7) Hex(CCFE1) Hex(807374) Hex(BF000F) Hex(400005)

	Hex(FFCCD0)	Hex(FFC2C7)	Hex(CCFE1)	Hex(807374)	Hex(BF000F)	Hex(400005)
Hex(FFCCD0)		Ratio: 1.07 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 3.20 AA 18pt ²	Ratio: 4.59 AA ¹ AAA 18pt ⁴	Ratio: 12.13 Passed ⁶
Hex(FFC2C7)	Ratio: 1.07 Failed ⁵		Ratio: 1.37 Failed ⁵	Ratio: 2.98 Failed ⁵	Ratio: 4.28 AA 18pt ²	Ratio: 11.30 Passed ⁶
Hex(CCFE1)	Ratio: 1.28 Failed ⁵	Ratio: 1.37 Failed ⁵		Ratio: 4.10 AA 18pt ²	Ratio: 5.88 AA ¹ AAA 18pt ⁴	Ratio: 15.54 Passed ⁶
Hex(807374)	Ratio: 3.20 AA 18pt ²	Ratio: 2.98 Failed ⁵	Ratio: 4.10 AA 18pt ²		Ratio: 1.43 Failed ⁵	Ratio: 3.79 AA 18pt ²
Hex(BF000F)	Ratio: 4.59 AA ¹ AAA 18pt ⁴	Ratio: 4.28 AA 18pt ²	Ratio: 5.88 AA ¹ AAA 18pt ⁴	Ratio: 1.43 Failed ⁵		Ratio: 2.64 Failed ⁵
Hex(400005)	Ratio: 12.13 Passed ⁶	Ratio: 11.30 Passed ⁶	Ratio: 15.54 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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