

Converting Colors - WCAG Matrix

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

Hex(FFD2D7) Hex(FFC9CF) Hex(FFE3D2) Hex(807374) Hex(BF0014) Hex(400007)

	Hex(FFD2D7)	Hex(FFC9CF)	Hex(FFE3D2)	Hex(807374)	Hex(BF0014)	Hex(400007)
Hex(FFD2D7)		Ratio: 1.07 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 3.34 AA 18pt ²	Ratio: 4.79 AA ¹ AAA 18pt ⁴	Ratio: 12.66 Passed ⁶
Hex(FFC9CF)	Ratio: 1.07 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 3.14 AA 18pt ²	Ratio: 4.50 AA ¹ AAA 18pt ⁴	Ratio: 11.88 Passed ⁶
Hex(FFE3D2)	Ratio: 1.11 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 3.71 AA 18pt ²	Ratio: 5.32 AA ¹ AAA 18pt ⁴	Ratio: 14.06 Passed ⁶
Hex(807374)	Ratio: 3.34 AA 18pt ²	Ratio: 3.14 AA 18pt ²	Ratio: 3.71 AA 18pt ²		Ratio: 1.43 Failed ⁵	Ratio: 3.79 AA 18pt ²
Hex(BF0014)	Ratio: 4.79 AA ¹ AAA 18pt ⁴	Ratio: 4.50 AA ¹ AAA 18pt ⁴	Ratio: 5.32 AA ¹ AAA 18pt ⁴	Ratio: 1.43 Failed ⁵		Ratio: 2.64 Failed ⁵
Hex(400007)	Ratio: 12.66 Passed ⁶	Ratio: 11.88 Passed ⁶	Ratio: 14.06 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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