

Converting Colors - WCAG Matrix

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

Hex(FDD3E4) Hex(FFCCE1) Hex(D3FDD6) Hex(807378) Hex(BF004D) Hex(40001A)

	Hex(FDD3E4)	Hex(FFCCE1)	Hex(D3FDD6)	Hex(807378)	Hex(BF004D)	Hex(40001A)
Hex(FDD3E4)		Ratio: 1.04 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 3.36 AA 18pt ²	Ratio: 4.70 AA ¹ AAA 18pt ⁴	Ratio: 12.66 Passed ⁶
Hex(FFCCE1)	Ratio: 1.04 Failed ⁵		Ratio: 1.25 Failed ⁵	Ratio: 3.23 AA 18pt ²	Ratio: 4.51 AA ¹ AAA 18pt ⁴	Ratio: 12.15 Passed ⁶
Hex(D3FDD6)	Ratio: 1.20 Failed ⁵	Ratio: 1.25 Failed ⁵		Ratio: 4.05 AA 18pt ²	Ratio: 5.66 AA ¹ AAA 18pt ⁴	Ratio: 15.24 Passed ⁶
Hex(807378)	Ratio: 3.36 AA 18pt ²	Ratio: 3.23 AA 18pt ²	Ratio: 4.05 AA 18pt ²		Ratio: 1.40 Failed ⁵	Ratio: 3.76 AA 18pt ²
Hex(BF004D)	Ratio: 4.70 AA ¹ AAA 18pt ⁴	Ratio: 4.51 AA ¹ AAA 18pt ⁴	Ratio: 5.66 AA ¹ AAA 18pt ⁴	Ratio: 1.40 Failed ⁵		Ratio: 2.69 Failed ⁵
Hex(40001A)	Ratio: 12.66 Passed ⁶	Ratio: 12.15 Passed ⁶	Ratio: 15.24 Passed ⁶	Ratio: 3.76 AA 18pt ²	Ratio: 2.69 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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