

Converting Colors - WCAG Matrix

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

Hex(FBC4CF) Hex(FFBDCA) Hex(FBD5C4) Hex(7D7073) Hex(BD0026) Hex(3D000C)

	Hex(FBC4CF)	Hex(FFBDCA)	Hex(FBD5C4)	Hex(7D7073)	Hex(BD0026)	Hex(3D000C)
Hex(FBC4CF)		Ratio: 1.04 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 3.13 AA 18pt ²	Ratio: 4.35 AA 18pt ²	Ratio: 11.55 Passed ⁶
Hex(FFBDCA)	Ratio: 1.04 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 3.02 AA 18pt ²	Ratio: 4.19 AA 18pt ²	Ratio: 11.12 Passed ⁶
Hex(FBD5C4)	Ratio: 1.11 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 3.47 AA 18pt ²	Ratio: 4.83 AA ¹ AAA 18pt ⁴	Ratio: 12.81 Passed ⁶
Hex(7D7073)	Ratio: 3.13 AA 18pt ²	Ratio: 3.02 AA 18pt ²	Ratio: 3.47 AA 18pt ²		Ratio: 1.39 Failed ⁵	Ratio: 3.69 AA 18pt ²
Hex(BD0026)	Ratio: 4.35 AA 18pt ²	Ratio: 4.19 AA 18pt ²	Ratio: 4.83 AA ¹ AAA 18pt ⁴	Ratio: 1.39 Failed ⁵		Ratio: 2.65 Failed ⁵
Hex(3D000C)	Ratio: 11.55 Passed ⁶	Ratio: 11.12 Passed ⁶	Ratio: 12.81 Passed ⁶	Ratio: 3.69 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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