

Converting Colors - WCAG Matrix

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

Hex(FAC2FA) Hex(FFBAFF) Hex(FAC2DE) Hex(7D707D) Hex(BD00BD) Hex(3D003D)

	Hex(FAC2FA)	Hex(FFBAFF)	Hex(FAC2DE)	Hex(7D707D)	Hex(BD00BD)	Hex(3D003D)
Hex(FAC2FA)		Ratio: 1.03 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 3.16 AA 18pt ²	Ratio: 3.63 AA 18pt ²	Ratio: 11.19 Passed ⁶
Hex(FFBAFF)	Ratio: 1.03 Failed ⁵		Ratio: 1.01 Failed ⁵	Ratio: 3.06 AA 18pt ²	Ratio: 3.52 AA 18pt ²	Ratio: 10.84 Passed ⁶
Hex(FAC2DE)	Ratio: 1.02 Failed ⁵	Ratio: 1.01 Failed ⁵		Ratio: 3.08 AA 18pt ²	Ratio: 3.55 AA 18pt ²	Ratio: 10.93 Passed ⁶
Hex(7D707D)	Ratio: 3.16 AA 18pt ²	Ratio: 3.06 AA 18pt ²	Ratio: 3.08 AA 18pt ²		Ratio: 1.15 Failed ⁵	Ratio: 3.54 AA 18pt ²
Hex(BD00BD)	Ratio: 3.63 AA 18pt ²	Ratio: 3.52 AA 18pt ²	Ratio: 3.55 AA 18pt ²	Ratio: 1.15 Failed ⁵		Ratio: 3.08 AA 18pt ²
Hex(3D003D)	Ratio: 11.19 Passed ⁶	Ratio: 10.84 Passed ⁶	Ratio: 10.93 Passed ⁶	Ratio: 3.54 AA 18pt ²	Ratio: 3.08 AA 18pt ²	

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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