

Converting Colors - WCAG Matrix

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

Hex(FF3F8B) Hex(FFC4DC) Hex(B23FFF) Hex(805C6A) Hex(000000) Hex(808080)

	Hex(FF3F8B)	Hex(FFC4DC)	Hex(B23FFF)	Hex(805C6A)	Hex(000000)	Hex(808080)
Hex(FF3F8B)		Ratio: 2.24 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 6.34 AA ¹ AAA 18pt ⁴	Ratio: 1.19 Failed ⁵
Hex(FFC4DC)	Ratio: 2.24 Failed ⁵		Ratio: 2.81 Failed ⁵	Ratio: 3.88 AA 18pt ²	Ratio: 14.18 Passed ⁶	Ratio: 2.67 Failed ⁵
Hex(B23FFF)	Ratio: 1.26 Failed ⁵	Ratio: 2.81 Failed ⁵		Ratio: 1.38 Failed ⁵	Ratio: 5.05 AA ¹ AAA 18pt ⁴	Ratio: 1.05 Failed ⁵
Hex(805C6A)	Ratio: 1.73 Failed ⁵	Ratio: 3.88 AA 18pt ²	Ratio: 1.38 Failed ⁵		Ratio: 3.66 AA 18pt ²	Ratio: 1.45 Failed ⁵
Hex(000000)	Ratio: 6.34 AA ¹ AAA 18pt ⁴	Ratio: 14.18 Passed ⁶	Ratio: 5.05 AA ¹ AAA 18pt ⁴	Ratio: 3.66 AA 18pt ²		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 1.19 Failed ⁵	Ratio: 2.67 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 5.32 AA ¹ AAA 18pt ⁴	

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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