

Converting Colors - WCAG Matrix

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

Hex(FF9BF7) Hex(FFE0FD) Hex(A29BFF) Hex(806E7E) Hex(000000) Hex(808080)

	Hex(FF9BF7)	Hex(FFE0FD)	Hex(A29BFF)	Hex(806E7E)	Hex(000000)	Hex(808080)
Hex(FF9BF7)		Ratio: 1.54 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 2.54 Failed ⁵	Ratio: 11.28 Passed ⁶	Ratio: 2.12 Failed ⁵
Hex(FFE0FD)	Ratio: 1.54 Failed ⁵		Ratio: 2.00 Failed ⁵	Ratio: 3.90 AA 18pt ²	Ratio: 17.33 Passed ⁶	Ratio: 3.26 AA 18pt ²
Hex(A29BFF)	Ratio: 1.30 Failed ⁵	Ratio: 2.00 Failed ⁵		Ratio: 1.95 Failed ⁵	Ratio: 8.67 Passed ⁶	Ratio: 1.63 Failed ⁵
Hex(806E7E)	Ratio: 2.54 Failed ⁵	Ratio: 3.90 AA 18pt ²	Ratio: 1.95 Failed ⁵		Ratio: 4.45 AA 18pt ²	Ratio: 1.20 Failed ⁵
Hex(000000)	Ratio: 11.28 Passed ⁶	Ratio: 17.33 Passed ⁶	Ratio: 8.67 Passed ⁶	Ratio: 4.45 AA 18pt ²		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 2.12 Failed ⁵	Ratio: 3.26 AA 18pt ²	Ratio: 1.63 Failed ⁵	Ratio: 1.20 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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