

Converting Colors - WCAG Matrix

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

Hex(F39FD1) Hex(FFE6F5) Hex(C19FF3) Hex(807079) Hex(000000) Hex(808080)

	Hex(F39FD1)	Hex(FFE6F5)	Hex(C19FF3)	Hex(807079)	Hex(000000)	Hex(808080)
Hex(F39FD1)		Ratio: 1.67 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 2.37 Failed ⁵	Ratio: 10.69 Passed ⁶	Ratio: 2.01 Failed ⁵
Hex(FFE6F5)	Ratio: 1.67 Failed ⁵		Ratio: 1.88 Failed ⁵	Ratio: 3.97 AA 18pt ²	Ratio: 17.89 Passed ⁶	Ratio: 3.36 AA 18pt ²
Hex(C19FF3)	Ratio: 1.12 Failed ⁵	Ratio: 1.88 Failed ⁵		Ratio: 2.11 Failed ⁵	Ratio: 9.52 Passed ⁶	Ratio: 1.79 Failed ⁵
Hex(807079)	Ratio: 2.37 Failed ⁵	Ratio: 3.97 AA 18pt ²	Ratio: 2.11 Failed ⁵		Ratio: 4.51 AA ¹ AAA 18pt ⁴	Ratio: 1.18 Failed ⁵
Hex(000000)	Ratio: 10.69 Passed ⁶	Ratio: 17.89 Passed ⁶	Ratio: 9.52 Passed ⁶	Ratio: 4.51 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 2.01 Failed ⁵	Ratio: 3.36 AA 18pt ²	Ratio: 1.79 Failed ⁵	Ratio: 1.18 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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