

Converting Colors - WCAG Matrix

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

Hex(F59FD7) Hex(FFE3F5) Hex(BC9FF5) Hex(806F7A) Hex(000000) Hex(808080)

	Hex(F59FD7)	Hex(FFE3F5)	Hex(BC9FF5)	Hex(806F7A)	Hex(000000)	Hex(808080)
Hex(F59FD7)		Ratio: 1.62 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 2.42 Failed ⁵	Ratio: 10.82 Passed ⁶	Ratio: 2.04 Failed ⁵
Hex(FFE3F5)	Ratio: 1.62 Failed ⁵		Ratio: 1.86 Failed ⁵	Ratio: 3.93 AA 18pt ²	Ratio: 17.56 Passed ⁶	Ratio: 3.30 AA 18pt ²
Hex(BC9FF5)	Ratio: 1.15 Failed ⁵	Ratio: 1.86 Failed ⁵		Ratio: 2.11 Failed ⁵	Ratio: 9.42 Passed ⁶	Ratio: 1.77 Failed ⁵
Hex(806F7A)	Ratio: 2.42 Failed ⁵	Ratio: 3.93 AA 18pt ²	Ratio: 2.11 Failed ⁵		Ratio: 4.47 AA 18pt ²	Ratio: 1.19 Failed ⁵
Hex(000000)	Ratio: 10.82 Passed ⁶	Ratio: 17.56 Passed ⁶	Ratio: 9.42 Passed ⁶	Ratio: 4.47 AA 18pt ²		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 2.04 Failed ⁵	Ratio: 3.30 AA 18pt ²	Ratio: 1.77 Failed ⁵	Ratio: 1.19 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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