

Converting Colors - WCAG Matrix

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

Hex(FFE8FF) Hex(FFF7FF) Hex(E8E8FF) Hex(807A80) Hex(000000) Hex(808080)

	Hex(FFE8FF)	Hex(FFF7FF)	Hex(E8E8FF)	Hex(807A80)	Hex(000000)	Hex(808080)
Hex(FFE8FF)		Ratio: 1.10 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 3.64 AA 18pt ²	Ratio: 18.24 Passed ⁶	Ratio: 3.43 AA 18pt ²
Hex(FFF7FF)	Ratio: 1.10 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 3.99 AA 18pt ²	Ratio: 20.00 Passed ⁶	Ratio: 3.76 AA 18pt ²
Hex(E8E8FF)	Ratio: 1.05 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 3.47 AA 18pt ²	Ratio: 17.42 Passed ⁶	Ratio: 3.28 AA 18pt ²
Hex(807A80)	Ratio: 3.64 AA 18pt ²	Ratio: 3.99 AA 18pt ²	Ratio: 3.47 AA 18pt ²		Ratio: 5.01 AA ¹ AAA 18pt ⁴	Ratio: 1.06 Failed ⁵
Hex(000000)	Ratio: 18.24 Passed ⁶	Ratio: 20.00 Passed ⁶	Ratio: 17.42 Passed ⁶	Ratio: 5.01 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 3.43 AA 18pt ²	Ratio: 3.76 AA 18pt ²	Ratio: 3.28 AA 18pt ²	Ratio: 1.06 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.

This PDF was generated on convertingcolors.com.