

Converting Colors - WCAG Matrix

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

Hex(DAF6EA) Hex(F7FFFC) Hex(E6F6DA) Hex(7A807D) Hex(000000) Hex(808080)

	Hex(DAF6EA)	Hex(F7FFFC)	Hex(E6F6DA)	Hex(7A807D)	Hex(000000)	Hex(808080)
Hex(DAF6EA)		Ratio: 1.13 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 3.52 AA 18pt ²	Ratio: 18.35 Passed ⁶	Ratio: 3.45 AA 18pt ²
Hex(F7FFFC)	Ratio: 1.13 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 3.97 AA 18pt ²	Ratio: 20.66 Passed ⁶	Ratio: 3.89 AA 18pt ²
Hex(E6F6DA)	Ratio: 1.01 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 3.56 AA 18pt ²	Ratio: 18.56 Passed ⁶	Ratio: 3.49 AA 18pt ²
Hex(7A807D)	Ratio: 3.52 AA 18pt ²	Ratio: 3.97 AA 18pt ²	Ratio: 3.56 AA 18pt ²		Ratio: 5.21 AA ¹ AAA 18pt ⁴	Ratio: 1.02 Failed ⁵
Hex(000000)	Ratio: 18.35 Passed ⁶	Ratio: 20.66 Passed ⁶	Ratio: 18.56 Passed ⁶	Ratio: 5.21 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 3.45 AA 18pt ²	Ratio: 3.89 AA 18pt ²	Ratio: 3.49 AA 18pt ²	Ratio: 1.02 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.