

Converting Colors - WCAG Matrix

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

Hex(79F2DF) Hex(D9FFF9) Hex(8DF279) Hex(69807C) Hex(000000) Hex(808080)

	Hex(79F2DF)	Hex(D9FFF9)	Hex(8DF279)	Hex(69807C)	Hex(000000)	Hex(808080)
Hex(79F2DF)		Ratio: 1.26 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 3.13 AA 18pt ²	Ratio: 15.58 Passed ⁶	Ratio: 2.93 Failed ⁵
Hex(D9FFF9)	Ratio: 1.26 Failed ⁵		Ratio: 1.30 Failed ⁵	Ratio: 3.94 AA 18pt ²	Ratio: 19.62 Passed ⁶	Ratio: 3.69 AA 18pt ²
Hex(8DF279)	Ratio: 1.03 Failed ⁵	Ratio: 1.30 Failed ⁵		Ratio: 3.03 AA 18pt ²	Ratio: 15.11 Passed ⁶	Ratio: 2.84 Failed ⁵
Hex(69807C)	Ratio: 3.13 AA 18pt ²	Ratio: 3.94 AA 18pt ²	Ratio: 3.03 AA 18pt ²		Ratio: 4.98 AA ¹ AAA 18pt ⁴	Ratio: 1.07 Failed ⁵
Hex(000000)	Ratio: 15.58 Passed ⁶	Ratio: 19.62 Passed ⁶	Ratio: 15.11 Passed ⁶	Ratio: 4.98 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 2.93 Failed ⁵	Ratio: 3.69 AA 18pt ²	Ratio: 2.84 Failed ⁵	Ratio: 1.07 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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