

Converting Colors - WCAG Matrix

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

Hex(6DFFF3) Hex(D4FFFB) Hex(79FF6D) Hex(66807D) Hex(000000) Hex(808080)

	Hex(6DFFF3)	Hex(D4FFFB)	Hex(79FF6D)	Hex(66807D)	Hex(000000)	Hex(808080)
Hex(6DFFF3)		Ratio: 1.13 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 3.49 AA 18pt ²	Ratio: 17.25 Passed ⁶	Ratio: 3.24 AA 18pt ²
Hex(D4FFFB)	Ratio: 1.13 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 3.94 AA 18pt ²	Ratio: 19.50 Passed ⁶	Ratio: 3.67 AA 18pt ²
Hex(79FF6D)	Ratio: 1.06 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 3.30 AA 18pt ²	Ratio: 16.34 Passed ⁶	Ratio: 3.07 AA 18pt ²
Hex(66807D)	Ratio: 3.49 AA 18pt ²	Ratio: 3.94 AA 18pt ²	Ratio: 3.30 AA 18pt ²		Ratio: 4.95 AA ¹ AAA 18pt ⁴	Ratio: 1.07 Failed ⁵
Hex(000000)	Ratio: 17.25 Passed ⁶	Ratio: 19.50 Passed ⁶	Ratio: 16.34 Passed ⁶	Ratio: 4.95 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 3.24 AA 18pt ²	Ratio: 3.67 AA 18pt ²	Ratio: 3.07 AA 18pt ²	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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