

Converting Colors - WCAG Matrix

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

Hex(74E8E7) Hex(D9FFFF) Hex(76E874) Hex(69807F) Hex(000000) Hex(808080)

	Hex(74E8E7)	Hex(D9FFFF)	Hex(76E874)	Hex(69807F)	Hex(000000)	Hex(808080)
Hex(74E8E7)		Ratio: 1.36 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 2.89 Failed ⁵	Ratio: 14.44 Passed ⁶	Ratio: 2.72 Failed ⁵
Hex(D9FFFF)	Ratio: 1.36 Failed ⁵		Ratio: 1.45 Failed ⁵	Ratio: 3.94 AA 18pt ²	Ratio: 19.70 Passed ⁶	Ratio: 3.70 AA 18pt ²
Hex(76E874)	Ratio: 1.06 Failed ⁵	Ratio: 1.45 Failed ⁵		Ratio: 2.72 Failed ⁵	Ratio: 13.57 Passed ⁶	Ratio: 2.55 Failed ⁵
Hex(69807F)	Ratio: 2.89 Failed ⁵	Ratio: 3.94 AA 18pt ²	Ratio: 2.72 Failed ⁵		Ratio: 4.99 AA ¹ AAA 18pt ⁴	Ratio: 1.06 Failed ⁵
Hex(000000)	Ratio: 14.44 Passed ⁶	Ratio: 19.70 Passed ⁶	Ratio: 13.57 Passed ⁶	Ratio: 4.99 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 2.72 Failed ⁵	Ratio: 3.70 AA 18pt ²	Ratio: 2.55 Failed ⁵	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.

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