

Converting Colors

CIELCh(97, 12.777, 180.929)

Have a look what the booklet for
CIELCh(97, 12.777, 180.929)
contains.

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Color

CIELCh(97, 13.049, 180.308)

Conversions

Conversions Part 1

Format	Color
Hex	DAFEF6
RGB	218, 254, 246
RGB Percent	85%, 100%, 96%
CMY	0.1451, 0.0039, 0.0353
CMYK	0.14, 0.00, 0.03, 0.00
HSL	167°, 95%, 93%
HSV	167°, 14%, 100%
XYZ	80.9877, 92.4403, 100.7605
YIQ	242.3240, -18.8880, -10.1200

Conversions

Conversions Part 2

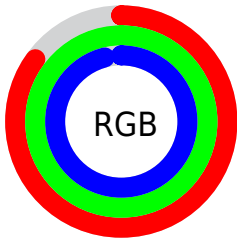
Format	Color
R _Y B	218, 238, 254
Decimal	14352118
CIE Lab	97.00, -13.05, -0.07
CIE LCh	97, 13.049, 180.308
Yxy	92.4403, 0.2954, 0.3371
Android (android.graphics.Color)	4292542198 (0xFFDAFEF6)
YUV	242.3240, 1.8123, -21.3321
Hunter-Lab	96.1459, -17.8974, 5.1664

Details

The CIELCh color **97, 13.049, 180.308** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **90, 13.762, 2.929**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **77, 12.763, 181.279** is the 20% darker color. If you saturate the color by 10%, you get **95, 21.886, 179.296**, and if you desaturate by 10%, it is **99, 3.886, 181.343**.

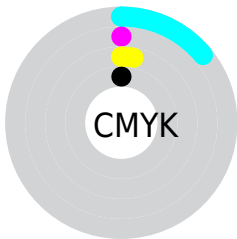
Distribution



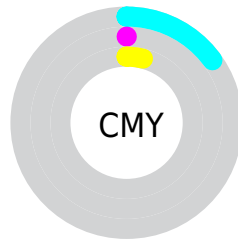
- Red (85%)
- Green (100%)
- Blue (96%)



- Red (85%)
- Yellow (93%)
- Blue (100%)



- Cyan (14%)
- Magenta (0%)
- Yellow (3%)
- Black (0%)





- Cyan (15%)
- Magenta (0%)
- Yellow (4%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 13.049, 180.308 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 97, 13.049, 180.308 by changing the saturation by 10% instead.


 97, 13.049,
180.308


 97, 13.049,
180.308

 100, 13.049,
180.308

 87, 13.049,
180.308


 77, 13.049,
180.308

 67, 13.049,
180.308

 57, 13.049,
180.308

 47, 13.049,
180.308

 37, 13.049,
180.308

 27, 13.049,

180.308

■ 17, 13.049,
180.308

■ 7, 13.049, 180.308

■ 97, 13.049,
180.308

■ 97, 13.049,
180.308

■ 95, 21.886,
179.296

■ 99, 3.886, 181.343

■ 94, 30.242,
178.234

100, 0.629,
323.971

■ 93, 37.959,
177.091

■ 92, 44.880,
175.847

■ 91, 50.871,
174.476

■ 90, 55.843,
172.955

■ 90, 59.773,
171.260

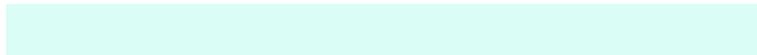
■ 89, 62.732,
169.381

■ 89, 64.138,
168.231

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



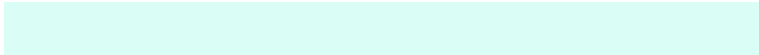
97, 13.049, 180.308



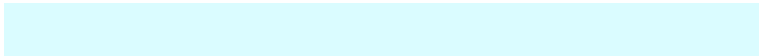
90, 13.762, 2.929

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



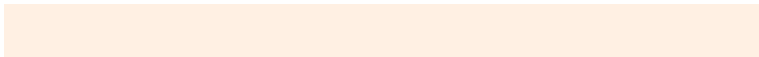
97, 13.049, 180.308



97, 13.049, 230.308



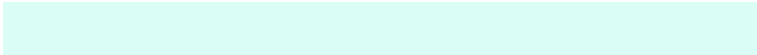
97, 13.049, 0.308



97, 13.049, 50.308

Sweetspot

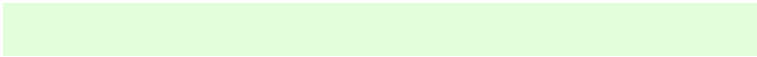
The Sweet Spot groups the original color and five complimentary colors.



97, 13.051, 180.302



99, 3.736, 181.365



97, 20.923, 137.153



53, 2.654, 181.271



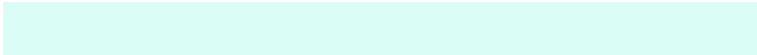
0, 0.000, 0.000



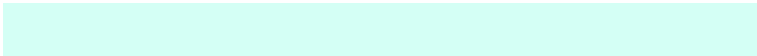
53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



97, 13.051, 180.302



97, 15.637, 180.021



95, 10.059, 228.434



52, 5.283, 180.765



69, 51.560, 168.596



23, 22.922, 171.247

Inverse Universe

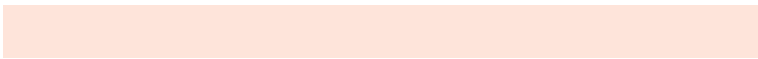
The Inverse Universe completely reimagines the original color for something new.



90, 13.762, 2.929



89, 16.673, 3.256



92, 10.948, 46.697



50, 5.474, 2.409



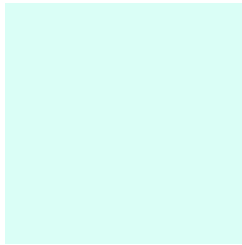
40, 73.872, 27.878



10, 31.854, 17.569

Previews

White Background



This preview shows how the CIE LCh color 97, 13.049, 180.308 looks on a white background.

Color Contrast Check

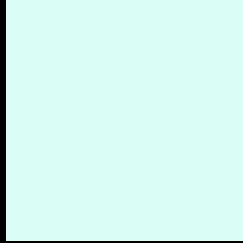
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 97, 13.049, 180.308 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

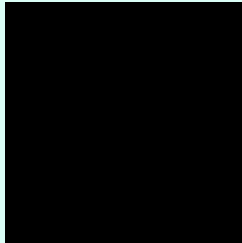
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

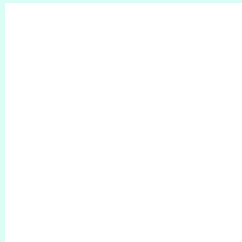
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 97, 13.049, 180.308

Background



This preview shows how black text looks on a background with the CIELCh color 97, 13.049, 180.308.

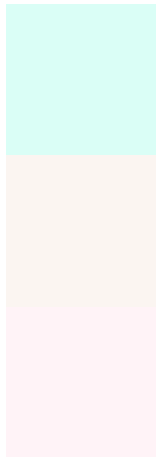


This preview shows how white text looks on a background with the CIELCh color 97, 13.049, 180.308.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
97, 13.049, 180.308

Protanopia
97, 2.932, 63.309

Deuteranopia
97, 4.729, 354.009

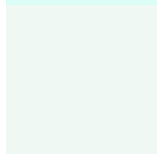


Tritanopia
97, 4.917, 246.167

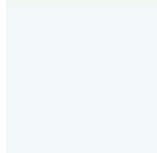
Trichromacy



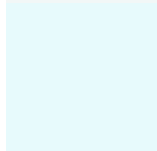
Original Color
97, 13.049, 180.308



Protanomaly
97, 4.083, 160.602



Deuteranomaly
97, 1.746, 199.662

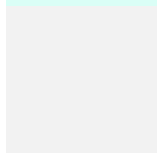


Tritanomaly
97, 6.574, 208.063

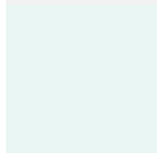
Monochromacy



Original Color
97, 13.049, 180.308



Achromatopsia
95, 0.011, 296.813



Achromatomaly
96, 4.809, 180.576

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 13.049, 180.308 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(218, 254, 246)` looks like.

```
.text, #text, p{  
    color:rgb(218, 254, 246)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(218, 254, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 254, 246) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 13.049, 180.308 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(218, 254, 246) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(218, 254, 246) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(218, 254, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 254, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 254, 246);  
box-shadow:4px 4px 4px 4px rgb(218, 254,  
246) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 13.049, 180.308 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 254, 246) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(218,  
254, 246) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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