

Converting Colors

CIELCh(97, 15.034, 179.918)

Have a look what the booklet for
CIELCh(97, 15.034, 179.918)
contains.

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Color

CIElCh(97, 14.788, 180.325)

Conversions

Conversions Part 1

Format	Color
Hex	D6FFF6
RGB	214, 255, 246
RGB Percent	84%, 100%, 96%
CMY	0.1609, 0.0001, 0.0354
CMYK	0.16, 0.00, 0.04, 0.00
HSL	167°, 100%, 92%
HSV	167°, 16%, 100%
XYZ	80.0996, 92.4403, 100.7818
YIQ	241.7150, -21.5470, -11.4910

Conversions

Conversions Part 2

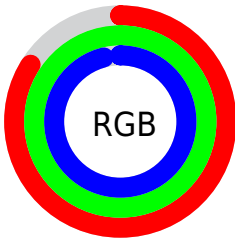
Format	Color
RYB	214, 237, 255
Decimal	14090230
CIELab	97.00, -14.79, -0.08
CIELCh	97, 14.788, 180.325
Yxy	92.4403, 0.2931, 0.3382
Android (android.graphics.Color)	4292280310 (0xFFD6FFF6)
YUV	241.7150, 2.1125, -24.3061
Hunter-Lab	96.1459, -19.5461, 5.1533

Details

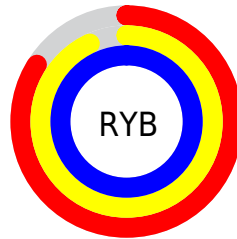
The CIELCh color **97, 14.788, 180.325** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **89, 15.721, 3.351**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **77, 14.559, 181.101** is the 20% darker color. If you saturate the color by 10%, you get **95, 23.556, 179.308**, and if you desaturate by 10%, it is **99, 5.663, 181.326**.

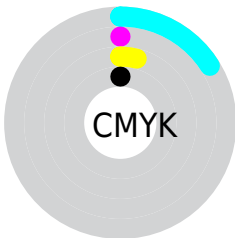
Distribution



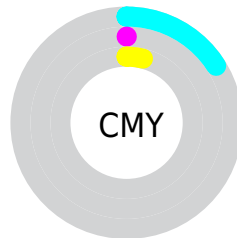
- Red (84%)
- Green (100%)
- Blue (96%)



- Red (84%)
- Yellow (93%)
- Blue (100%)



- Cyan (16%)
- Magenta (0%)
- Yellow (4%)
- Black (0%)





- Cyan (16%)
- Magenta (0%)
- Yellow (4%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 14.788, 180.325 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, 14.788, 180.325 by changing the saturation by 10% instead.


 97, 14.788,
180.325


 97, 14.788,
180.325

 100, 14.788,
180.325


 87, 14.788,
180.325


 77, 14.788,
180.325

 67, 14.788,
180.325

 57, 14.788,
180.325

 47, 14.788,
180.325

 37, 14.788,
180.325

 27, 14.788,

180.325

■ 17, 14.788,
180.325

■ 7, 14.788, 180.325

■ 97, 14.788,
180.325

■ 97, 14.788,
180.325

■ 95, 23.556,
179.308

■ 99, 5.663, 181.326

■ 94, 31.808,
178.235

100, 0.029,
313.795

■ 93, 39.385,
177.079

■ 92, 46.134,
175.818

■ 91, 51.926,
174.428

■ 90, 56.683,
172.883

■ 90, 60.400,
171.162

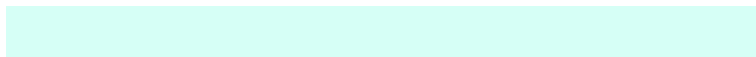
■ 90, 63.169,
169.259

■ 90, 64.098,
168.491

Harmonies

Complementary

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



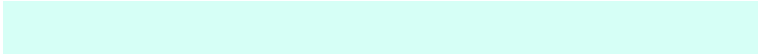
97, 14.788, 180.325



89, 15.721, 3.351

Rectangle

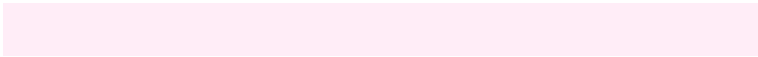
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



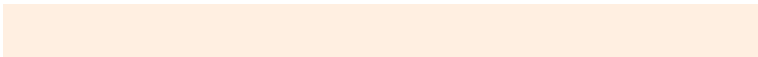
97, 14.788, 180.325



97, 14.788, 230.325



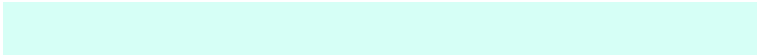
97, 14.788, 0.325



97, 14.788, 50.325

Sweetspot

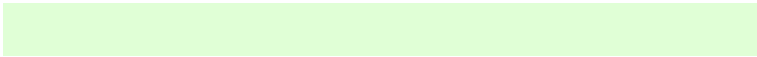
The Sweet Spot groups the original color and five complimentary colors.



97, 14.790, 180.320



99, 4.661, 181.447



97, 23.828, 137.053



53, 3.178, 181.367



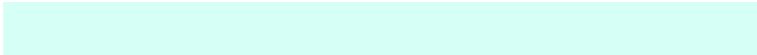
0, 0.000, 0.000



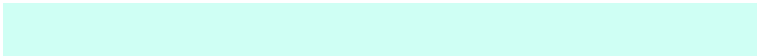
53, 0.007, 296.813

Same Dimension

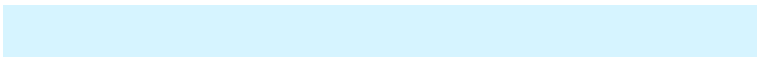
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97, 14.790, 180.320



97, 17.394, 180.029



94, 11.392, 228.582



52, 5.276, 180.971



69, 51.379, 168.858



23, 22.852, 171.494

Inverse Universe

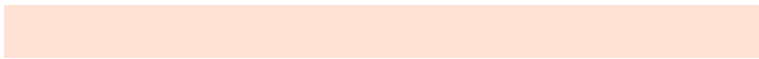
The Inverse Universe completely reimagines the original color for something new.



89, 15.721, 3.351



87, 18.706, 3.699



92, 12.555, 46.621



50, 5.468, 2.613



40, 74.000, 28.093



10, 31.870, 17.717

Previews

White Background



This preview shows how the CIE LCh color 97, 14.788, 180.325 looks on a white background.

Color Contrast Check

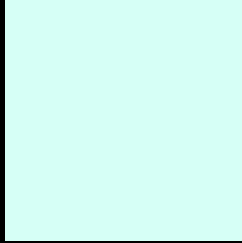
Large Text (above 18pt) WCAG AA × Fail

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, 14.788, 180.325 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

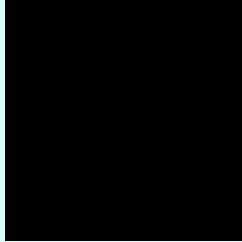
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

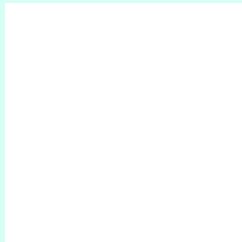
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 97, 14.788, 180.325

Background



This preview shows how black text looks on a background with the CIELCh color 97, 14.788, 180.325.

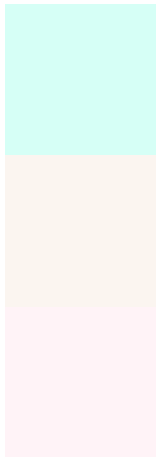


This preview shows how white text looks on a background with the CIELCh color 97, 14.788, 180.325.

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, 14.788, 180.325

Protanopia
97, 3.306, 69.691

Deuteranopia
97, 4.729, 354.009

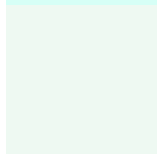


Tritanopia
97, 5.155, 243.403

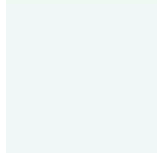
Trichromacy



Original Color
97, 14.788, 180.325



Protanomaly
97, 5.292, 156.737



Deuteranomaly
97, 2.440, 199.512

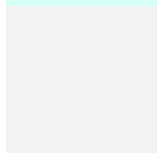


Tritanomaly
97, 7.535, 202.914

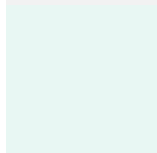
Monochromacy



Original Color
97, 14.788, 180.325



Achromatopsia
95, 0.011, 296.813



Achromatomaly
96, 5.643, 177.855

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 14.788, 180.325 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(214, 255, 246)` looks like.

```
.text, #text, p{  
    color:rgb(214, 255, 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(214, 255, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 255, 246) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 14.788, 180.325 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(214, 255, 246) }
```

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

```
.border{ border-color:rgb(214, 255, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 255, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 255, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 255, 246);  
box-shadow:4px 4px 4px 4px rgb(214, 255,  
246) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 14.788, 180.325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 255, 246) }
```

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

```
.background{ background-color: rgb(214,  
255, 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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