

Converting Colors

CIELCh(97, 19.348, 160.579)

Have a look what the booklet for
CIELCh(97, 19.348, 160.579)
contains.

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Color

CIELCh(97, 18.576, 160.999)

Conversions

Conversions Part 1

Format	Color
Hex	D6FFEA
RGB	214, 255, 234
RGB Percent	84%, 100%, 92%
CMY	0.1607, 0.0000, 0.0822
CMYK	0.16, 0.00, 0.08, 0.00
HSL	149°, 100%, 92%
HSV	149°, 16%, 100%
XYZ	78.6954, 92.4403, 91.5661
YIQ	240.3470, -17.6950, -15.2230

Conversions

Conversions Part 2

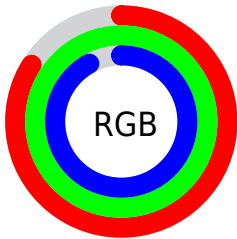
Format	Color
RYB	214, 242, 255
Decimal	14090218
CIELab	97.00, -17.56, 6.05
CIELCh	97, 18.576, 160.999
Yxy	92.4403, 0.2996, 0.3519
Android (android.graphics.Color)	4292280298 (0xFFD6FFEA)
YUV	240.3470, -3.1291, -23.1063
Hunter-Lab	96.1459, -22.1530, 10.8363

Details

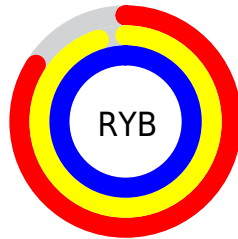
The CIELCh color **97, 18.576, 160.999** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **90, 18.308, 344.393**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **77, 17.930, 161.278** is the 20% darker color. If you saturate the color by 10%, you get **95, 29.024, 160.659**, and if you desaturate by 10%, it is **99, 6.774, 162.604**.

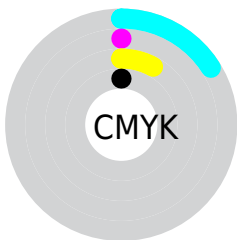
Distribution



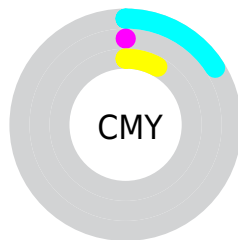
- Red (84%)
- Green (100%)
- Blue (92%)



- Red (84%)
- Yellow (95%)
- Blue (100%)



- Cyan (16%)
- Magenta (0%)
- Yellow (8%)
- Black (0%)





- Cyan (16%)
- Magenta (0%)
- Yellow (8%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 18.576, 160.999 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, 18.576, 160.999 by changing the saturation by 10% instead.


 97, 18.576,
160.999


 97, 18.576,
160.999

 100, 18.576,
160.999


 87, 18.576,
160.999


 77, 18.576,
160.999

 67, 18.576,
160.999

 57, 18.576,
160.999

 47, 18.576,
160.999

 37, 18.576,
160.999

 27, 18.576,

160.999

■ 17, 18.576,
160.999

■ 7, 18.576, 160.999

■ 97, 18.576,
160.999

■ 97, 18.576,
160.999

■ 95, 29.024,
160.659

■ 99, 6.774, 162.604

■ 93, 39.810,
159.533

100, 0.012,
296.813

■ 92, 50.129,
158.259

■ 91, 59.785,
156.812

■ 90, 68.595,
155.167

■ 89, 76.421,
153.308

■ 89, 83.197,
151.233

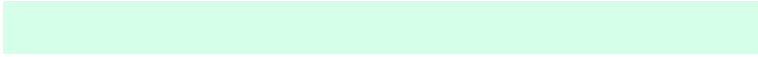
■ 89, 88.959,
148.973

■ 88, 91.035,
148.079

Harmonies

Complementary

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



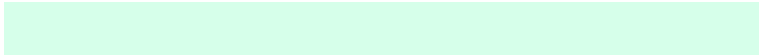
97, 18.576, 160.999



90, 18.308, 344.393

Rectangle

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



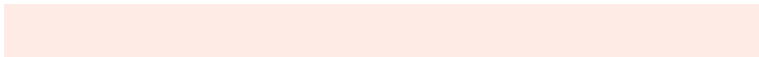
97, 18.576, 160.999



97, 18.576, 210.999



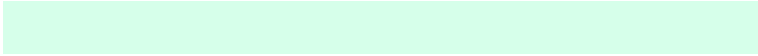
97, 18.576, 340.999



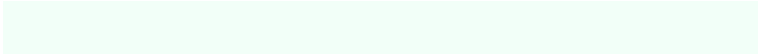
97, 18.576, 30.999

Sweetspot

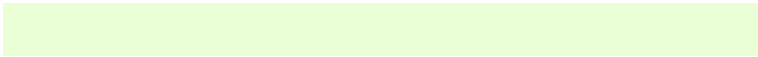
The Sweet Spot groups the original color and five complimentary colors.



97, 17.956, 161.667



99, 5.580, 162.709



98, 22.037, 127.748



53, 3.808, 162.639



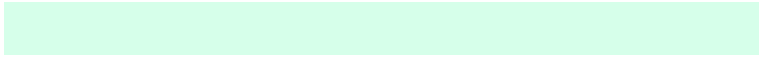
0, 0.000, 0.000



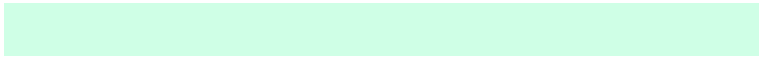
53, 0.007, 296.813

Same Dimension

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



97, 17.956, 161.667



96, 21.222, 161.382



97, 13.752, 197.125



52, 6.354, 162.282



68, 72.669, 148.510



23, 31.323, 151.736

Inverse Universe

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



90, 18.308, 344.393



88, 21.711, 344.676



89, 15.225, 19.167



50, 6.432, 343.782



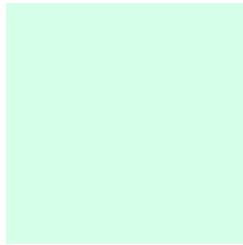
41, 68.384, 1.013



10, 31.983, 355.594

Previews

White Background



This preview shows how the CIE LCh color 97, 18.576, 160.999 looks on a white background.

Color Contrast Check

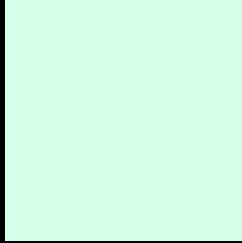
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 97, 18.576, 160.999 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

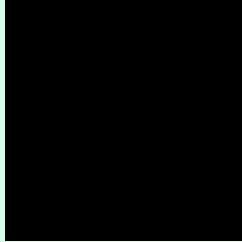
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

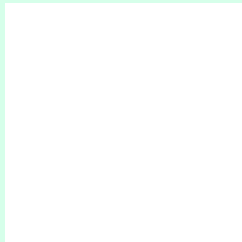
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 97, 18.576, 160.999

Background



This preview shows how black text looks on a background with the CIELCh color 97, 18.576, 160.999.

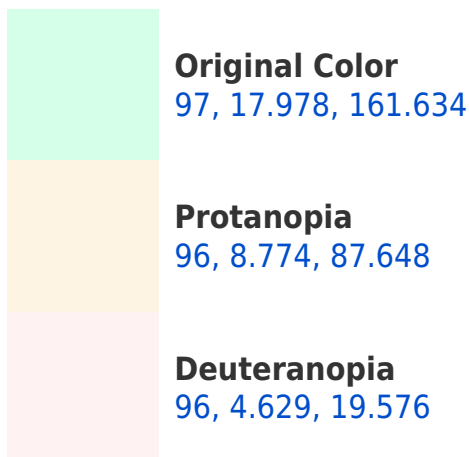


This preview shows how white text looks on a background with the CIELCh color 97, 18.576, 160.999.

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



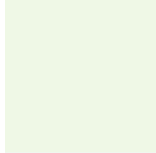


Tritanopia
97, 5.514, 247.375

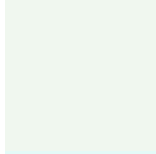
Trichromacy



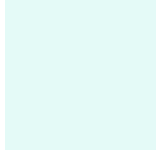
Original Color
97, 17.978, 161.634



Protanomaly
96, 9.756, 128.762



Deuteranomaly
97, 4.795, 140.905

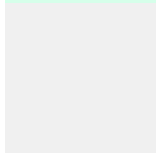


Tritanomaly
97, 7.767, 187.568

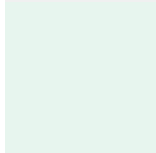
Monochromacy



Original Color
97, 17.978, 161.634



Achromatopsia
95, 0.011, 296.813



Achromatomaly
95, 6.125, 163.255

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 18.576, 160.999 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, 234)` looks like.

```
.text, #text, p{  
    color:rgb(214, 255, 234)  
}
```

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, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 255, 234) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 18.576, 160.999 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, 234) }
```

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

```
.border{ border-color:rgb(214, 255, 234) }
```

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, 234) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 255, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 255, 234);  
box-shadow:4px 4px 4px 4px rgb(214, 255,  
234) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 18.576, 160.999 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, 234) }
```

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

```
.background{ background-color: rgb(214,  
255, 234) }
```

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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