

Converting Colors

CIELCh(97, 16.520, 167.463)

Have a look what the booklet for
CIELCh(97, 16.520, 167.463)
contains.

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Color

CIELCh(97, 16.167, 167.992)

Conversions

Conversions Part 1

Format	Color
Hex	D7FFEF
RGB	215, 255, 239
RGB Percent	84%, 100%, 94%
CMY	0.1558, 0.0000, 0.0616
CMYK	0.16, 0.00, 0.06, 0.00
HSL	156°, 100%, 92%
HSV	156°, 16%, 100%
XYZ	79.5790, 92.4403, 95.5283
YIQ	241.2160, -18.7040, -13.4560

Conversions

Conversions Part 2

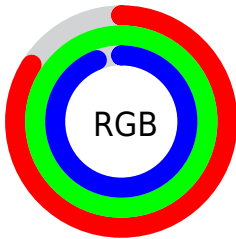
Format	Color
R _Y B	215, 240, 255
Decimal	14155759
CIE Lab	97.00, -15.81, 3.36
CIE LCh	97, 16.167, 167.992
Yxy	92.4403, 0.2974, 0.3455
Android (android.graphics.Color)	4292345839 (0xFFD7FFEF)
YUV	241.2160, -1.0925, -22.9914
Hunter-Lab	96.1459, -20.5127, 8.3930

Details

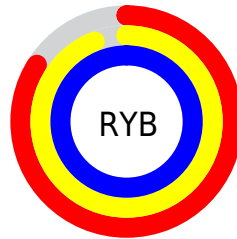
The CIELCh color **97, 16.167, 167.992** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **90, 16.516, 351.138**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **77, 16.016, 167.983** is the 20% darker color. If you saturate the color by 10%, you get **95, 26.074, 167.213**, and if you desaturate by 10%, it is **99, 5.747, 169.276**.

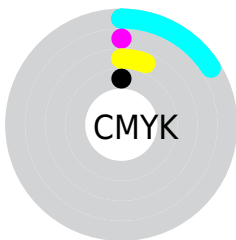
Distribution



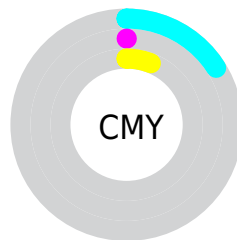
- Red (84%)
- Green (100%)
- Blue (94%)



- Red (84%)
- Yellow (94%)
- Blue (100%)



- Cyan (16%)
- Magenta (0%)
- Yellow (6%)
- Black (0%)





- Cyan (16%)
- Magenta (0%)
- Yellow (6%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 97, 16.167, 167.992 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, 16.167, 167.992 by changing the saturation by 10% instead.


 97, 16.167,
167.992


 97, 16.167,
167.992


 100, 16.167,
167.992


 87, 16.167,
167.992

 77, 16.167,
167.992

 67, 16.167,
167.992

 57, 16.167,
167.992

 47, 16.167,
167.992

 37, 16.167,
167.992

 27, 16.167,

167.992

■ 17, 16.167,
167.992

■ 7, 16.167, 167.992

■ 97, 16.167,
167.992

■ 97, 16.167,
167.992

■ 95, 26.074,
167.213

■ 99, 5.747, 169.276

■ 94, 35.795,
166.056

100, 0.012,
296.813

■ 92, 44.994,
164.770

■ 91, 53.495,
163.327

■ 90, 61.142,
161.702

■ 90, 67.819,
159.871

■ 89, 73.489,
157.824

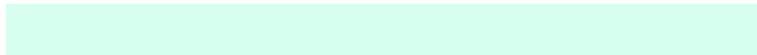
■ 89, 78.212,
155.573

■ 89, 80.101,
154.555

Harmonies

Complementary

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



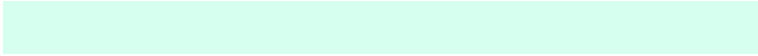
97, 16.167, 167.992



90, 16.516, 351.138

Rectangle

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



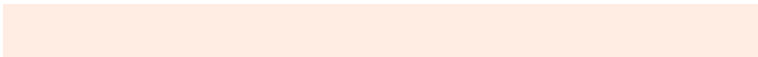
97, 16.167, 167.992



97, 16.167, 217.992



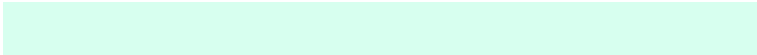
97, 16.167, 347.992



97, 16.167, 37.992

Sweetspot

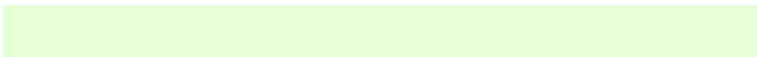
The Sweet Spot groups the original color and five complimentary colors.



97, 16.006, 168.267



99, 5.153, 169.339



97, 22.000, 131.809



53, 3.516, 169.263



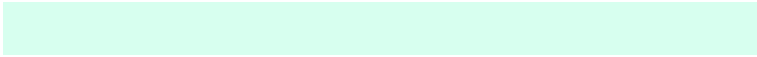
0, 0.000, 0.000



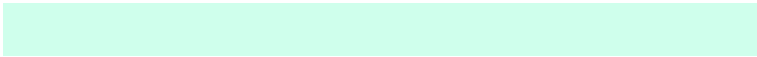
53, 0.007, 296.813

Same Dimension

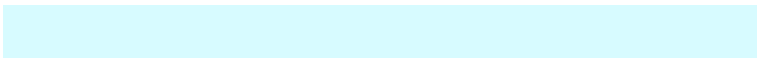
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97, 16.006, 168.267



96, 19.482, 167.916



96, 12.106, 208.431



52, 5.857, 168.875



68, 64.001, 154.988



23, 27.813, 158.184

Inverse Universe

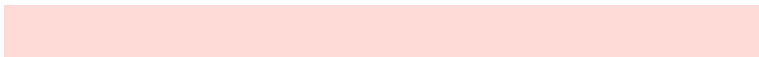
The Inverse Universe completely reimagines the original color for something new.



90, 16.516, 351.138



88, 20.243, 351.512



90, 13.445, 29.036



50, 5.973, 350.504



41, 68.382, 12.229



10, 31.294, 5.158

Previews

White Background



This preview shows how the CIE LCh color 97, 16.167, 167.992 looks on a white background.

Color Contrast Check

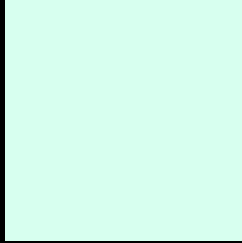
Large Text (above 18pt) WCAG AA × Fail

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, 16.167, 167.992 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

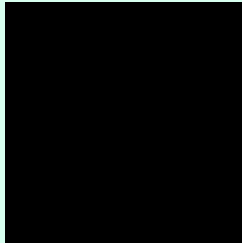
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

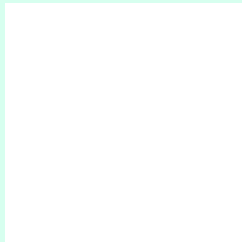
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 97, 16.167, 167.992

Background



This preview shows how black text looks on a background with the CIELCh color 97, 16.167, 167.992.

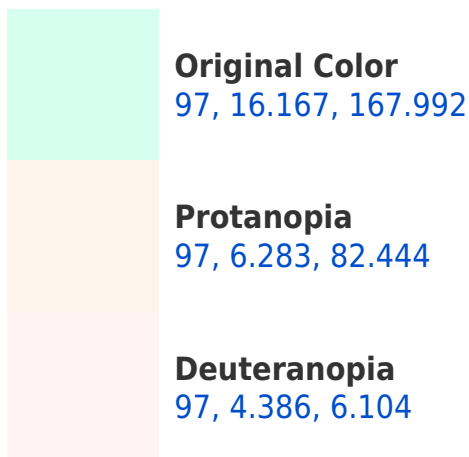


This preview shows how white text looks on a background with the CIELCh color 97, 16.167, 167.992.

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



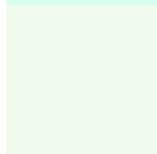


Tritanopia
97, 5.294, 250.114

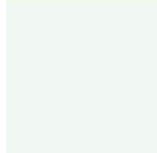
Trichromacy



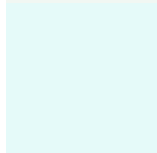
Original Color
97, 16.167, 167.992



Protanomaly
97, 7.551, 137.684



Deuteranomaly
97, 2.949, 155.634

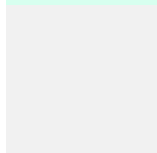


Tritanomaly
97, 7.251, 194.973

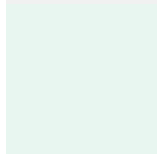
Monochromacy



Original Color
97, 16.167, 167.992



Achromatopsia
95, 0.011, 296.813



Achromatomaly
96, 5.823, 167.278

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 16.167, 167.992 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(215, 255, 239)` looks like.

```
.text, #text, p{  
    color:rgb(215, 255, 239)  
}
```

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(215, 255, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 255, 239) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 16.167, 167.992 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(215, 255, 239) }
```

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

```
.border{ border-color:rgb(215, 255, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 255, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 255, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 255, 239);  
box-shadow:4px 4px 4px 4px rgb(215, 255,  
239) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 16.167, 167.992 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 255, 239) }
```

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

```
.background{ background-color: rgb(215,  
255, 239) }
```

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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