

Converting Colors

CIELCh(94, 67.718, 121.070)

Have a look what the booklet for
CIELCh(94, 67.718, 121.070)
contains.

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Color

CIELCh(94, 67.718, 121.070)

Conversions

Conversions Part 1

Format	Color
Hex	CFFE79
RGB	207, 254, 121
RGB Percent	81%, 100%, 47%
CMY	0.1895, 0.0052, 0.5267
CMYK	0.19, 0.00, 0.52, 0.01
HSL	81°, 98%, 73%
HSV	81°, 52%, 99%
XYZ	64.4147, 85.2715, 31.0566
YIQ	224.7850, 14.6810, -51.3270

Conversions

Conversions Part 2

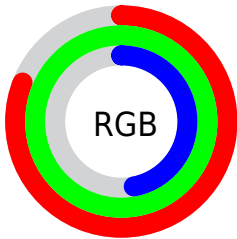
Format	Color
RYB	121, 254, 168
Decimal	13631097
CIELab	94.00, -34.95, 58.00
CIElCh	94, 67.718, 121.070
Yxy	85.2715, 0.3564, 0.4718
Android (android.graphics.Color)	4291821177 (0xFFCFE79)
YUV	224.7850, -51.1660, -15.5974
Hunter-Lab	92.3426, -37.0847, 44.6994

Details

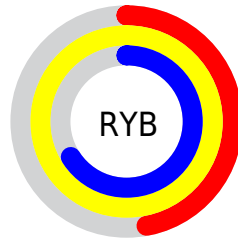
The CIELCh color **94, 67.718, 121.070** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **61, 75.517, 307.409**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 39.607, 107.155**, and **74, 67.585, 121.060** is the 20% darker color. If you saturate the color by 10%, you get **93, 78.911, 120.771**, and if you desaturate by 10%, it is **95, 55.572, 121.516**.

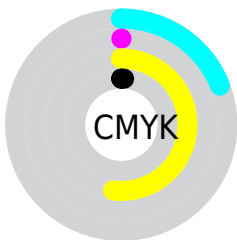
Distribution



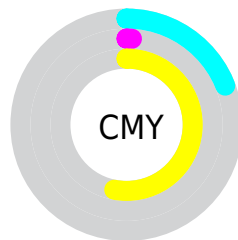
- Red (81%)
- Green (100%)
- Blue (47%)



- Red (47%)
- Yellow (100%)
- Blue (66%)



- Cyan (19%)
- Magenta (0%)
- Yellow (52%)
- Black (1%)





- Cyan (19%)
- Magenta (1%)
- Yellow (53%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 94, 67.718, 121.070 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 94, 67.718, 121.070 by changing the saturation by 10% instead.


 94, 67.718,
121.070


 94, 67.718,
121.070

 100, 67.718,
121.070


 84, 67.718,
121.070

 74, 67.718,
121.070

 64, 67.718,
121.070

 54, 67.718,
121.070

 44, 67.718,
121.070

 34, 67.718,
121.070

 24, 67.718,

121.070

■ 14, 67.718,
121.070

■ 4, 67.718, 121.070

■ 94, 67.718,
121.070

■ 94, 67.718,
121.070

■ 93, 78.911,
120.771

■ 95, 55.572,
121.516

■ 93, 88.640,
120.713

■ 96, 42.836,
122.036

■ 92, 96.304,
121.017

■ 97, 29.761,
122.587

■ 91, 101.421,
121.793

■ 98, 16.513,
123.140

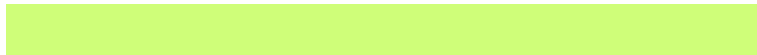
91, 103.774,
122.666

99, 3.208, 123.695
100, 0.826,
324.096

Harmonies

Complementary

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



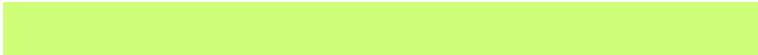
94, 67.718, 121.070



61, 75.517, 307.409

Rectangle

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



94, 67.718, 121.070



94, 67.718, 171.070



94, 67.718, 301.070



94, 67.718, 351.070

Sweetspot

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



94, 67.719, 121.072



98, 21.357, 122.943



76, 45.883, 53.823



52, 14.414, 122.829



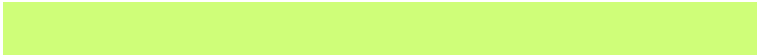
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



94, 67.719, 121.072



94, 79.852, 120.760



91, 77.832, 136.897



53, 7.590, 123.299



71, 83.748, 122.398



24, 37.491, 120.908

Inverse Universe

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



61, 75.517, 307.409



54, 91.554, 308.228



68, 78.746, 322.568



49, 7.726, 304.311



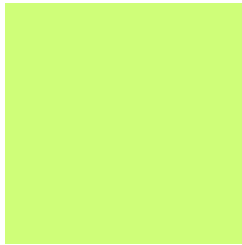
27, 103.617, 309.065



5, 44.841, 309.004

Previews

White Background



This preview shows how the CIE LCh color 94, 67.718, 121.070 looks on a white background.

Color Contrast Check

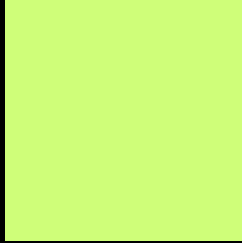
Large Text (above 18pt) WCAG AA × Fail

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 94, 67.718, 121.070 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 94, 67.718, 121.070

Background



This preview shows how black text looks on a background with the CIELCh color 94, 67.718, 121.070.

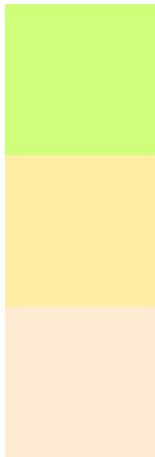


This preview shows how white text looks on a background with the CIELCh color 94, 67.718, 121.070.

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

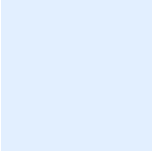
94, 67.718, 121.070

Protanopia

94, 37.834, 96.301

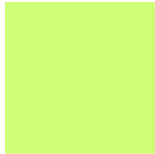
Deuteranopia

94, 14.189, 75.632

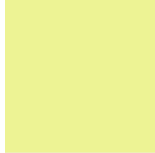


Tritanopia
94, 9.258, 262.405

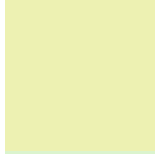
Trichromacy



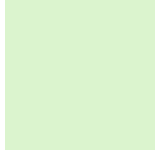
Original Color
94, 67.718, 121.070



Protanomaly
94, 47.770, 109.258



Deuteranomaly
94, 32.080, 110.388

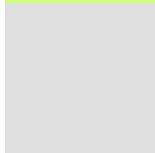


Tritanomaly
94, 21.565, 133.709

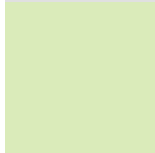
Monochromacy



Original Color
94, 67.718, 121.070



Achromatopsia
89, 0.011, 296.813



Achromatomaly
91, 25.993, 122.426

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 67.718, 121.070 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(207, 254, 121)` looks like.

```
.text, #text, p{  
    color:rgb(207, 254, 121)  
}
```

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(207, 254, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 254, 121) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 67.718, 121.070 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(207, 254, 121) }
```

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

```
.border{ border-color:rgb(207, 254, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 254, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 254, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 254, 121);  
box-shadow:4px 4px 4px 4px rgb(207, 254,  
121) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 67.718, 121.070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 254, 121) }
```

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

```
.background{ background-color: rgb(207,  
254, 121) }
```

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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