

Converting Colors

CIELCh(94, 61.658, 126.617)

Have a look what the booklet for
CIELCh(94, 61.658, 126.617)
contains.

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Color

CIELCh(94, 61.658, 126.617)

Conversions

Conversions Part 1

Format	Color
Hex	C6FF8B
RGB	198, 255, 139
RGB Percent	78%, 100%, 55%
CMY	0.2241, 0.0006, 0.4554
CMYK	0.22, 0.00, 0.46, 0.00
HSL	89°, 100%, 77%
HSV	89°, 46%, 100%
XYZ	63.6135, 85.2715, 37.4798
YIQ	224.7330, 3.2640, -48.1600

Conversions

Conversions Part 2

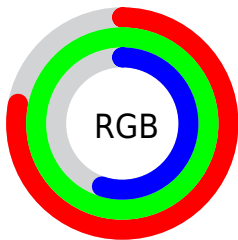
Format	Color
RYB	139, 255, 196
Decimal	13041547
CIELab	94.00, -36.78, 49.49
CIElCh	94, 61.658, 126.617
Yxy	85.2715, 0.3413, 0.4576
Android (android.graphics.Color)	4291231627 (0xFFC6FF8B)
YUV	224.7330, -42.2664, -23.4448
Hunter-Lab	92.3426, -38.6334, 40.5753

Details

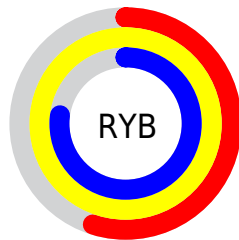
The CIELCh color **94, 61.658, 126.617** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **68, 66.059, 311.128**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 30.724, 107.841**, and **74, 61.650, 126.536** is the 20% darker color. If you saturate the color by 10%, you get **93, 74.116, 126.238**, and if you desaturate by 10%, it is **95, 48.528, 127.081**.

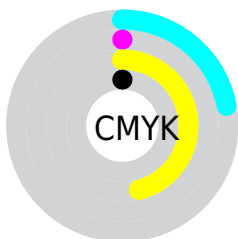
Distribution



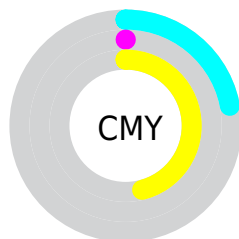
- Red (78%)
- Green (100%)
- Blue (55%)



- Red (55%)
- Yellow (100%)
- Blue (77%)



- Cyan (22%)
- Magenta (0%)
- Yellow (46%)
- Black (0%)





- Cyan (22%)
- Magenta (0%)
- Yellow (46%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 94, 61.658, 126.617 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, 61.658, 126.617 by changing the saturation by 10% instead.


 94, 61.658,
126.617


 94, 61.658,
126.617


 100, 61.658,
126.617


 84, 61.658,
126.617

 74, 61.658,
126.617

 64, 61.658,
126.617

 54, 61.658,
126.617

 44, 61.658,
126.617

 34, 61.658,
126.617

 24, 61.658,

126.617

■ 14, 61.658,
126.617

■ 4, 61.658, 126.617

■ 94, 61.658,
126.617

■ 94, 61.658,
126.617

■ 93, 74.116,
126.238

■ 95, 48.528,
127.081

■ 92, 85.482,
126.021

■ 96, 35.011,
127.574

■ 91, 95.208,
126.084

■ 98, 21.308,
128.064

■ 91, 102.690,
126.557

■ 99, 7.555, 128.543

100, 0.099,

■ 90,107.546,
127.536

321.313

■ 90,109.084,
128.082

Harmonies

Complementary

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



94, 61.658, 126.617



68, 66.059, 311.128

Rectangle

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



94, 61.658, 126.617



94, 61.658, 176.617



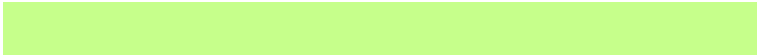
94, 61.658, 306.617



94, 61.658, 356.617

Sweetspot

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



94, 61.660, 126.618



98, 19.237, 128.137



83, 39.258, 67.985



52, 13.283, 128.033



0, 0.000, 0.000



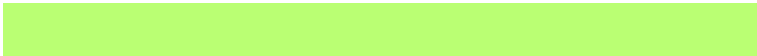
53, 0.007, 296.813

Same Dimension

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



94, 61.660, 126.618



93, 73.533, 126.254



91, 71.273, 140.445



53, 7.806, 128.352



69, 87.656, 127.797



24, 39.005, 126.240

Inverse Universe

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



68, 66.059, 311.128



61, 80.078, 311.630



74, 71.102, 326.363



49, 7.917, 309.191



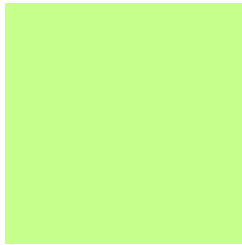
30, 100.718, 311.677



6, 44.908, 312.642

Previews

White Background



This preview shows how the CIE LCh color 94, 61.658, 126.617 looks on a white background.

Color Contrast Check

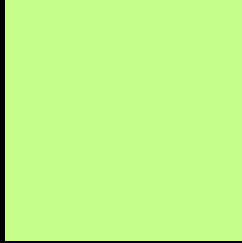
Large Text (above 18pt) WCAG AA × Fail

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 94, 61.658, 126.617 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

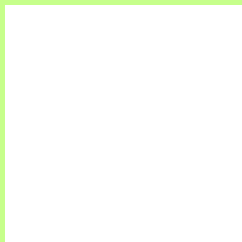
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 61.658, 126.617

Background



This preview shows how black text looks on a background with the CIELCh color 94, 61.658, 126.617.

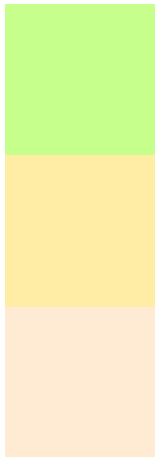


This preview shows how white text looks on a background with the CIELCh color 94, 61.658, 126.617.

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](#).

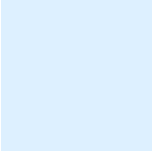
Dichromacy



Original Color
94, 61.658, 126.617

Protanopia
94, 37.343, 96.209

Deuteranopia
94, 13.756, 74.527

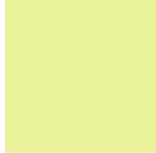


Tritanopia
94, 9.915, 250.535

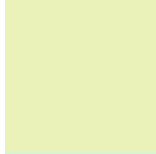
Trichromacy



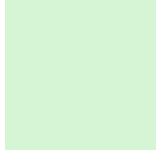
Original Color
94, 61.658, 126.617



Protanomaly
93, 44.481, 111.241



Deuteranomaly
94, 29.188, 113.880

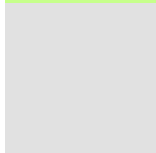


Tritanomaly
94, 20.156, 143.657

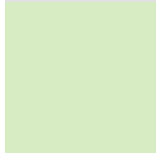
Monochromacy



Original Color
94, 61.658, 126.617



Achromatopsia
90, 0.011, 296.813



Achromatomaly
91, 23.017, 128.262

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 61.658, 126.617 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(198, 255, 139)` looks like.

```
.text, #text, p{  
    color:rgb(198, 255, 139)  
}
```

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(198, 255, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 255, 139) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 61.658, 126.617 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(198, 255, 139) }
```

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

```
.border{ border-color:rgb(198, 255, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 255, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 255, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 255, 139);  
box-shadow:4px 4px 4px 4px rgb(198, 255,  
139) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 61.658, 126.617 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 255, 139) }
```

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

```
.background{ background-color: rgb(198,  
255, 139) }
```

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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