

Converting Colors

CIELCh(100, 76.257, 129.156)

Have a look what the booklet for
CIELCh(100, 76.257, 129.156)
contains.

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Color

CIELCh(94, 64.244, 126.695)

Conversions

Conversions Part 1

Format	Color
Hex	C4FF87
RGB	196, 255, 135
RGB Percent	77%, 100%, 53%
CMY	0.2332, 0.0000, 0.4725
CMYK	0.23, 0.00, 0.47, 0.00
HSL	90°, 100%, 76%
HSV	90°, 47%, 100%
XYZ	62.9124, 85.2715, 35.8800
YIQ	223.6790, 3.3560, -49.8280

Conversions

Conversions Part 2

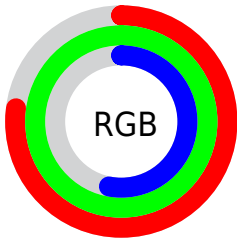
Format	Color
RYB	135, 255, 194
Decimal	12910471
CIELab	94.00, -38.39, 51.51
CIElCh	94, 64.244, 126.695
Yxy	85.2715, 0.3418, 0.4633
Android (android.graphics.Color)	4291100551 (0xFFC4FF87)
YUV	223.6790, -43.7187, -24.2745
Hunter-Lab	92.3426, -39.9886, 41.6025

Details

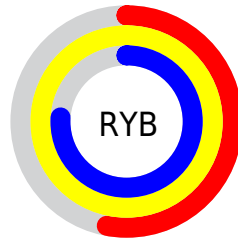
The CIELCh color **94, 64.244, 126.695** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **66, 68.695, 311.289**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 32.714, 108.356**, and **74, 63.607, 126.477** is the 20% darker color. If you saturate the color by 10%, you get **93, 76.267, 126.261**, and if you desaturate by 10%, it is **95, 50.901, 127.073**.

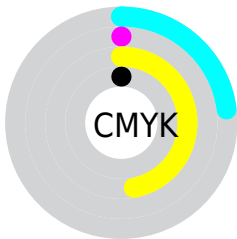
Distribution



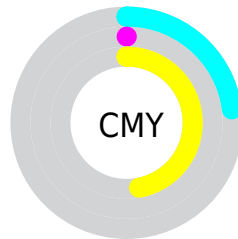
- Red (77%)
- Green (100%)
- Blue (53%)



- Red (53%)
- Yellow (100%)
- Blue (76%)



- Cyan (23%)
- Magenta (0%)
- Yellow (47%)
- Black (0%)




- Cyan (23%)
- Magenta (0%)
- Yellow (47%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 94, 64.244, 126.695 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, 64.244, 126.695 by changing the saturation by 10% instead.


 94, 64.244,
126.695


 94, 64.244,
126.695

 100, 64.244,
126.695

 84, 64.244,
126.695

 74, 64.244,
126.695

 64, 64.244,
126.695


 54, 64.244,
126.695

 44, 64.244,
126.695

 34, 64.244,
126.695


 24, 64.244,


126.695


 14, 64.244,
126.695


 4, 64.244, 126.695


 94, 64.244,
126.695


 94, 64.244,
126.695


 93, 76.267,
126.261


 95, 50.901,
127.073

 92, 87.403,
126.083

 96, 37.421,
127.563

 91, 96.792,
126.207

 97, 23.725,
128.055

 91, 103.842,
126.763

 99, 9.959, 128.533

100, 0.012,

■ 90, 108.266,
127.825

296.813

■ 90, 109.207,
128.153

Harmonies

Complementary

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



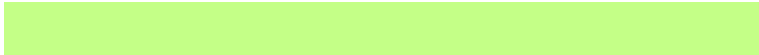
94, 64.244, 126.695



66, 68.695, 311.289

Rectangle

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



94, 64.244, 126.695



94, 64.244, 176.695



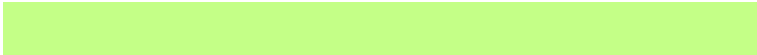
94, 64.244, 306.695



94, 64.244, 356.695

Sweetspot

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



94, 63.953, 126.620



98, 19.247, 128.212



82, 40.952, 67.768



52, 13.289, 128.108



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, 63.953, 126.620



93, 75.966, 126.268



91, 73.835, 140.262



53, 7.810, 128.427



69, 87.716, 127.868



24, 39.029, 126.313

Inverse Universe

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



66, 68.695, 311.289



60, 82.970, 311.789



73, 73.613, 326.441



49, 7.920, 309.264



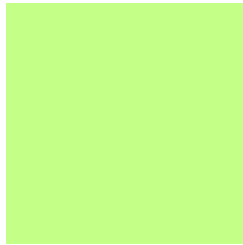
30, 100.673, 311.724



6, 44.906, 312.700

Previews

White Background



This preview shows how the CIE LCh color 94, 64.244, 126.695 looks on a white background.

Color Contrast Check

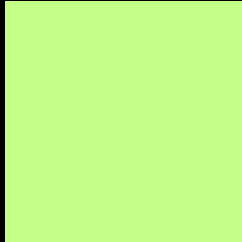
Large Text (above 18pt) WCAG AA × Fail

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, 64.244, 126.695 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

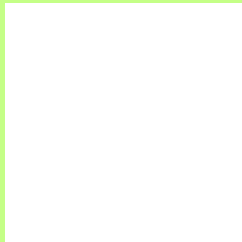
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 64.244, 126.695

Background



This preview shows how black text looks on a background with the CIELCh color 94, 64.244, 126.695.

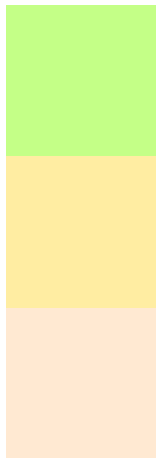


This preview shows how white text looks on a background with the CIELCh color 94, 64.244, 126.695.

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, 63.672, 126.561

Protanopia

94, 38.813, 96.474

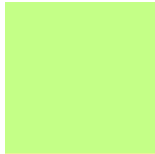
Deuteranopia

94, 14.417, 74.375

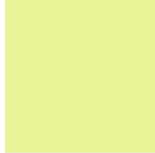


Tritanopia
94, 10.337, 247.676

Trichromacy



Original Color
94, 63.672, 126.561



Protanomaly
94, 46.456, 111.890

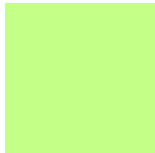


Deuteranomaly
93, 29.709, 113.739

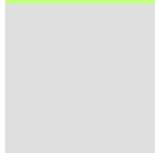


Tritanomaly
93, 21.634, 144.334

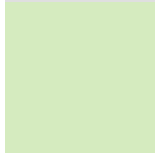
Monochromacy



Original Color
94, 63.672, 126.561



Achromatopsia
89, 0.011, 296.813



Achromatomaly
90, 24.132, 128.217

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 64.244, 126.695 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(196, 255, 135)` looks like.

```
.text, #text, p{  
    color:rgb(196, 255, 135)  
}
```

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(196, 255, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 255, 135) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 64.244, 126.695 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(196, 255, 135) }
```

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

```
.border{ border-color:rgb(196, 255, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 255, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 255, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 255, 135);  
box-shadow:4px 4px 4px 4px rgb(196, 255,  
135) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 64.244, 126.695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 255, 135) }
```

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

```
.background{ background-color: rgb(196,  
255, 135) }
```

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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