

Converting Colors

CIELCh(100, 67.771, 131.261)

Have a look what the booklet for
CIELCh(100, 67.771, 131.261)
contains.

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Color

CIELCh(94, 55.954, 129.020)

Conversions

Conversions Part 1

Format	Color
Hex	C5FE97
RGB	197, 254, 151
RGB Percent	77%, 100%, 59%
CMY	0.2260, 0.0025, 0.4063
CMYK	0.22, 0.00, 0.40, 0.00
HSL	93°, 99%, 80%
HSV	93°, 40%, 100%
XYZ	64.2916, 85.2715, 42.5168
YIQ	225.2150, -0.9090, -44.1170

Conversions

Conversions Part 2

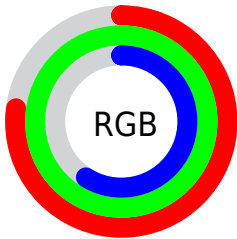
Format	Color
RYB	151, 254, 208
Decimal	12975767
CIELab	94.00, -35.23, 43.47
CIELCh	94, 55.954, 129.020
Yxy	85.2715, 0.3347, 0.4439
Android (android.graphics.Color)	4291165847 (0xFFC5FE97)
YUV	225.2150, -36.5880, -24.7446
Hunter-Lab	92.3426, -37.3227, 37.3412

Details

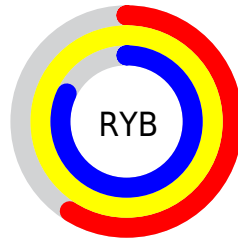
The CIELCh color **94, 55.954, 129.020** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **71, 58.897, 312.831**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 24.734, 108.302**, and **74, 56.113, 129.022** is the 20% darker color. If you saturate the color by 10%, you get **93, 69.024, 128.576**, and if you desaturate by 10%, it is **95, 42.373, 129.509**.

Distribution



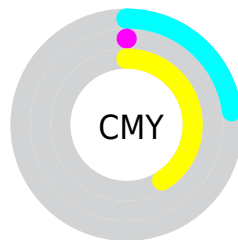
- Red (77%)
- Green (100%)
- Blue (59%)



- Red (59%)
- Yellow (100%)
- Blue (82%)



- Cyan (22%)
- Magenta (0%)
- Yellow (40%)
- Black (0%)



- Cyan (23%)
- Magenta (0%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 55.954, 129.020 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, 55.954, 129.020 by changing the saturation by 10% instead.

■ 94, 55.954,
129.020

■ 94, 55.954,
129.020

■ 100, 55.954,
129.020

■ 84, 55.954,
129.020

■ 74, 55.954,
129.020

■ 64, 55.954,
129.020

■ 54, 55.954,
129.020

■ 44, 55.954,
129.020

■ 34, 55.954,
129.020

■ 24, 55.954,

129.020

■ 14, 55.954,
129.020

■ 4, 55.954, 129.020

■ 94, 55.954,
129.020

■ 94, 55.954,
129.020

■ 93, 69.024,
128.576

■ 95, 42.373,
129.509

■ 92, 81.223,
128.238

■ 97, 28.522,
130.000

■ 91, 92.063,
128.107

■ 98, 14.575,
130.473

■ 90, 100.943,
128.312

■ 100, 0.652,
131.146

■ 90,107.314,
128.976

100, 0.411,
323.702

■ 89, 111.095,
130.015

Harmonies

Complementary

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



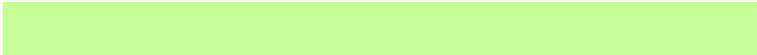
94, 55.954, 129.020



71, 58.897, 312.831

Rectangle

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



94, 55.954, 129.020



94, 55.954, 179.020



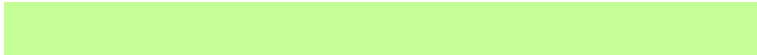
94, 55.954, 309.020



94, 55.954, 359.020

Sweetspot

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



94, 55.956, 129.021



98, 16.734, 130.403



86, 35.406, 75.285



52, 11.102, 130.342



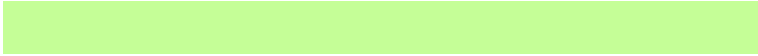
0, 0.000, 0.000



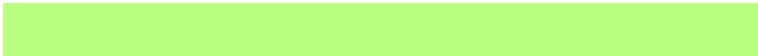
53, 0.007, 296.813

Same Dimension

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



94, 55.956, 129.021



93, 67.275, 128.636



92, 61.917, 142.629



52, 7.923, 130.518



69, 89.394, 129.743



23, 39.720, 128.259

Inverse Universe

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



71, 58.897, 312.831



66, 71.647, 313.237



76, 61.775, 328.076



49, 8.021, 311.316



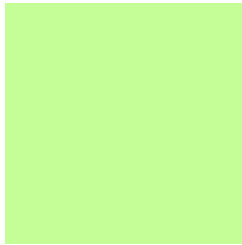
31, 99.378, 313.157



7, 44.811, 314.363

Previews

White Background



This preview shows how the CIE LCh color 94, 55.954, 129.020 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, 55.954, 129.020 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, 55.954, 129.020

Background



This preview shows how black text looks on a background with the CIELCh color 94, 55.954, 129.020.

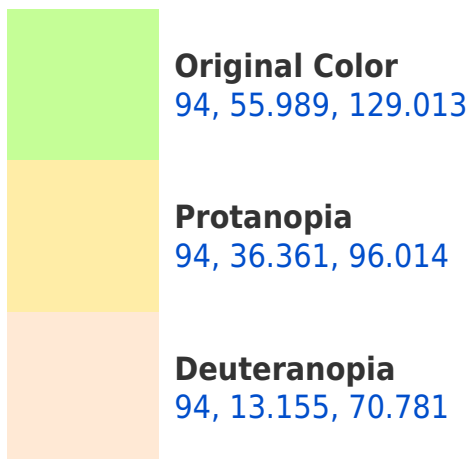


This preview shows how white text looks on a background with the CIELCh color 94, 55.954, 129.020.

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



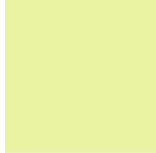


Tritanopia
94, 10.123, 249.074

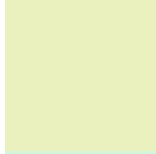
Trichromacy



Original Color
94, 55.989, 129.013



Protanomaly
94, 41.565, 111.766

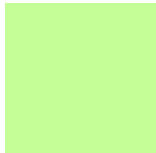


Deuteranomaly
94, 25.657, 114.082

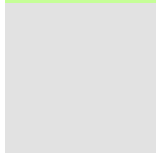


Tritanomaly
94, 18.705, 148.026

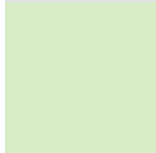
Monochromacy



Original Color
94, 55.989, 129.013



Achromatopsia
90, 0.011, 296.813



Achromatomaly
91, 20.478, 129.785

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 55.954, 129.020 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(197, 254, 151)` looks like.

```
.text, #text, p{  
    color:rgb(197, 254, 151)  
}
```

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(197, 254, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 254, 151) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 55.954, 129.020 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(197, 254, 151) }
```

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

```
.border{ border-color:rgb(197, 254, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 254, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 254, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 254, 151);  
box-shadow:4px 4px 4px 4px rgb(197, 254,  
151) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 55.954, 129.020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 254, 151) }
```

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

```
.background{ background-color: rgb(197,  
254, 151) }
```

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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