

Converting Colors

CIELCh(100, 77.315, 125.549)

Have a look what the booklet for
CIELCh(100, 77.315, 125.549)
contains.

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Color

CIELCh(94, 66.770, 122.372)

Conversions

Conversions Part 1

Format	Color
Hex	CCFE7C
RGB	204, 254, 124
RGB Percent	80%, 100%, 49%
CMY	0.1995, 0.0034, 0.5130
CMYK	0.20, 0.00, 0.51, 0.00
HSL	83°, 99%, 74%
HSV	83°, 51%, 100%
XYZ	64.0627, 85.2715, 32.2098
YIQ	224.2300, 11.9300, -51.0300

Conversions

Conversions Part 2

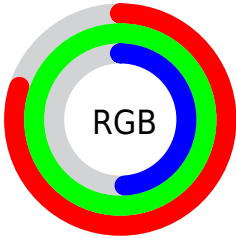
Format	Color
RYB	124, 254, 174
Decimal	13434492
CIELab	94.00, -35.75, 56.39
CIELCh	94, 66.770, 122.372
Yxy	85.2715, 0.3529, 0.4697
Android (android.graphics.Color)	4291624572 (0xFFCCFE7C)
YUV	224.2300, -49.4134, -17.7417
Hunter-Lab	92.3426, -37.7651, 43.9590

Details

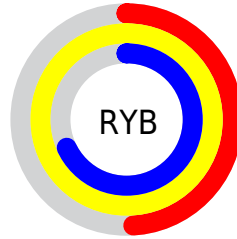
The CIELCh color **94, 66.770, 122.372** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **62, 73.781, 308.228**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 38.137, 107.269**, and **74, 66.839, 122.375** is the 20% darker color. If you saturate the color by 10%, you get **93, 78.240, 122.065**, and if you desaturate by 10%, it is **95, 54.407, 122.815**.

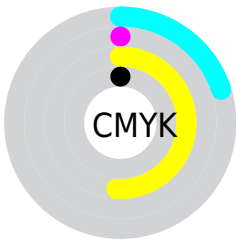
Distribution



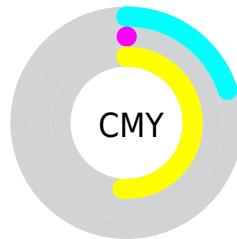
- Red (80%)
- Green (100%)
- Blue (49%)



- Red (49%)
- Yellow (100%)
- Blue (68%)



- Cyan (20%)
- Magenta (0%)
- Yellow (51%)
- Black (0%)





- Cyan (20%)
- Magenta (0%)
- Yellow (51%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 94, 66.770, 122.372 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, 66.770, 122.372 by changing the saturation by 10% instead.


 94, 66.770,
122.372


 94, 66.770,
122.372

 100, 66.770,
122.372


 84, 66.770,
122.372

 74, 66.770,
122.372

 64, 66.770,
122.372

 54, 66.770,
122.372

 44, 66.770,
122.372

 34, 66.770,
122.372

 24, 66.770,

122.372

■ 14, 66.770,
122.372

■ 4, 66.770, 122.372

■ 94, 66.770,
122.372

■ 94, 66.770,
122.372

■ 93, 78.240,
122.065

■ 95, 54.407,
122.815

■ 92, 88.322,
121.986

■ 96, 41.495,
123.324

■ 92, 96.422,
122.259

■ 97, 28.276,
123.857

■ 91, 102.020,
122.999

■ 98, 14.910,
124.389

■ 91, 105.007,
124.031

■ 100, 1.507,
124.954

100, 0.554,
323.903

Harmonies

Complementary

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



94, 66.770, 122.372



62, 73.781, 308.228

Rectangle

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



94, 66.770, 122.372



94, 66.770, 172.372



94, 66.770, 302.372



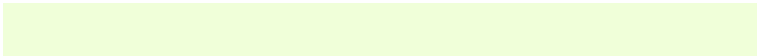
94, 66.770, 352.372

Sweetspot

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



94, 66.771, 122.374



98, 20.144, 124.184



78, 44.377, 57.222



52, 13.740, 124.072



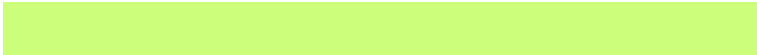
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



94, 66.771, 122.374



93, 78.311, 122.068



91, 76.933, 137.761



53, 7.634, 124.474



70, 84.613, 123.754



24, 37.817, 122.219

Inverse Universe

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



62, 73.781, 308.228



56, 88.613, 308.923



69, 77.483, 323.554



49, 7.765, 305.437



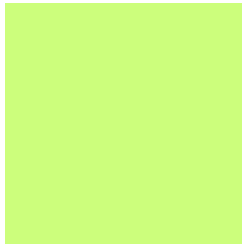
27, 102.987, 309.576



5, 44.881, 309.798

Previews

White Background



This preview shows how the CIELCh color 94, 66.770, 122.372 looks on a white background.

Color Contrast Check

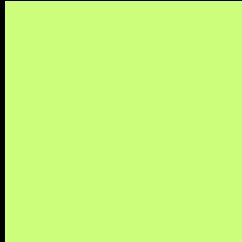
Large Text (above 18pt) WCAG AA × Fail

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, 66.770, 122.372 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

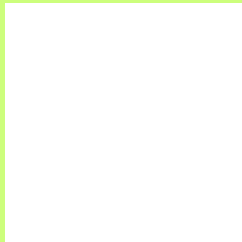
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 66.770, 122.372

Background



This preview shows how black text looks on a background with the CIELCh color 94, 66.770, 122.372.

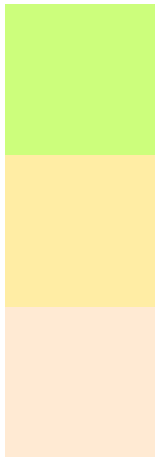


This preview shows how white text looks on a background with the CIELCh color 94, 66.770, 122.372.

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

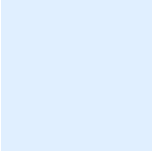
94, 66.799, 122.364

Protanopia

94, 37.834, 96.301

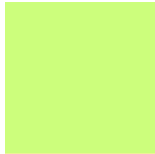
Deuteranopia

94, 14.189, 75.632

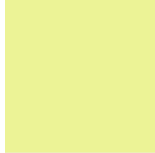


Tritanopia
94, 9.578, 258.844

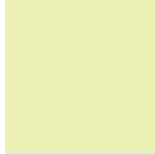
Trichromacy



Original Color
94, 66.799, 122.364



Protanomaly
94, 46.833, 109.871

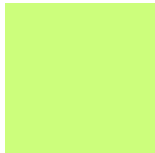


Deuteranomaly
93, 31.604, 111.163

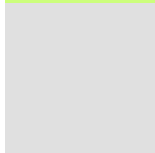


Tritanomaly
93, 21.436, 135.985

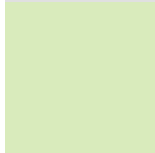
Monochromacy



Original Color
94, 66.799, 122.364



Achromatopsia
89, 0.011, 296.813



Achromatomaly
91, 25.112, 123.853

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 66.770, 122.372 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(204, 254, 124)` looks like.

```
.text, #text, p{  
    color:rgb(204, 254, 124)  
}
```

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(204, 254, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 254, 124) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 66.770, 122.372 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(204, 254, 124) }
```

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

```
.border{ border-color:rgb(204, 254, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 254, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 254, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 254, 124);  
box-shadow:4px 4px 4px 4px rgb(204, 254,  
124) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 66.770, 122.372 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 254, 124) }
```

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

```
.background{ background-color: rgb(204,  
254, 124) }
```

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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