

Converting Colors

CIELCh(94, 67.441, 126.544)

Have a look what the booklet for
CIELCh(94, 67.441, 126.544)
contains.

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Color

CIELCh(94, 66.659, 126.479)

Conversions

Conversions Part 1

Format	Color
Hex	C2FF82
RGB	194, 255, 130
RGB Percent	76%, 100%, 51%
CMY	0.2391, 0.0000, 0.4903
CMYK	0.24, 0.00, 0.49, 0.00
HSL	89°, 100%, 75%
HSV	89°, 49%, 100%
XYZ	62.3763, 85.2715, 34.2789
YIQ	222.5110, 3.7690, -51.8070

Conversions

Conversions Part 2

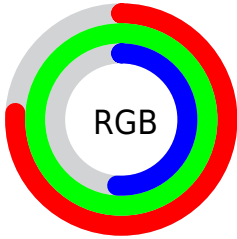
Format	Color
RYB	130, 255, 191
Decimal	12779394
CIELab	94.00, -39.63, 53.60
CIElCh	94, 66.659, 126.479
Yxy	85.2715, 0.3429, 0.4687
Android (android.graphics.Color)	4290969474 (0xFFC2FF82)
YUV	222.5110, -45.6079, -25.0041
Hunter-Lab	92.3426, -41.0250, 42.6305

Details

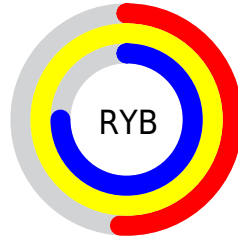
The CIELCh color **94, 66.659, 126.479** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **65, 71.299, 311.204**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 35.195, 108.746**, and **74, 65.921, 126.267** is the 20% darker color. If you saturate the color by 10%, you get **93, 78.219, 126.003**, and if you desaturate by 10%, it is **95, 53.178, 126.777**.

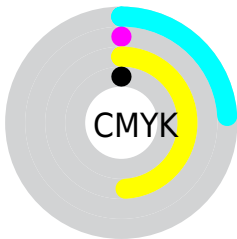
Distribution



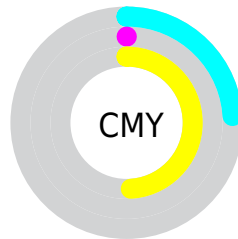
- Red (76%)
- Green (100%)
- Blue (51%)



- Red (51%)
- Yellow (100%)
- Blue (75%)



- Cyan (24%)
- Magenta (0%)
- Yellow (49%)
- Black (0%)





- Cyan (24%)
- Magenta (0%)
- Yellow (49%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 66.659, 126.479 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, 66.659, 126.479 by changing the saturation by 10% instead.


 94, 66.659,
126.479

 94, 66.659,
126.479

 100, 66.659,
126.479


 84, 66.659,
126.479

 74, 66.659,
126.479

 64, 66.659,
126.479

 54, 66.659,
126.479

 44, 66.659,
126.479

 34, 66.659,
126.479

 24, 66.659,

126.479

■ 14, 66.659,
126.479

■ 4, 66.659, 126.479

■ 94, 66.659,
126.479

■ 94, 66.659,
126.479

■ 93, 78.219,
126.003

■ 95, 53.178,
126.777

■ 92, 89.067,
125.871

■ 96, 39.779,
127.264

■ 91, 98.058,
126.065

■ 97, 26.130,
127.758

■ 91, 104.626,
126.712

■ 99, 12.388,
128.241

■ 90, 108.665,
127.841

100, 0.012,
296.813

■ 90, 108.996,
127.955

Harmonies

Complementary

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



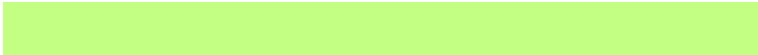
94, 66.659, 126.479



65, 71.299, 311.204

Rectangle

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



94, 66.659, 126.479



94, 66.659, 176.479



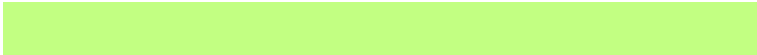
94, 66.659, 306.479



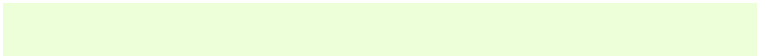
94, 66.659, 356.479

Sweetspot

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



94, 66.101, 126.336



98, 20.595, 127.955



82, 42.674, 67.547



52, 14.052, 127.852



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, 66.101, 126.336



93, 78.183, 126.004



91, 76.378, 140.074



53, 7.800, 128.218



69, 87.548, 127.669



24, 38.962, 126.110

Inverse Universe

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



65, 71.299, 311.204



59, 85.810, 311.711



72, 76.097, 326.519



49, 7.911, 309.061



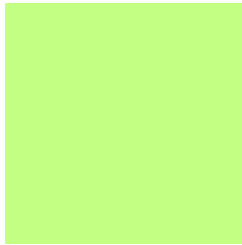
30, 100.800, 311.593



6, 44.911, 312.538

Previews

White Background



This preview shows how the CIELCh color 94, 66.659, 126.479 looks on a white background.

Color Contrast Check

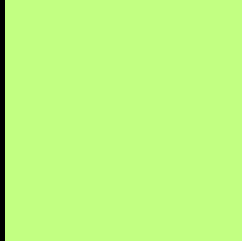
Large Text (above 18pt) WCAG AA × Fail

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, 66.659, 126.479 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, 66.659, 126.479

Background



This preview shows how black text looks on a background with the CIELCh color 94, 66.659, 126.479.

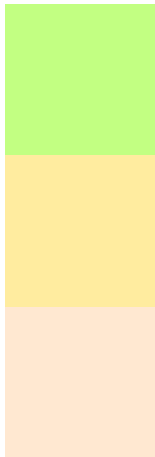


This preview shows how white text looks on a background with the CIELCh color 94, 66.659, 126.479.

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, 66.093, 126.349

Protanopia

93, 39.900, 96.051

Deuteranopia

93, 14.654, 73.155



Tritanopia
94, 10.557, 246.337

Trichromacy



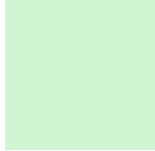
Original Color
94, 66.093, 126.349



Protanomaly
93, 47.885, 111.148



Deuteranomaly
93, 30.691, 112.764

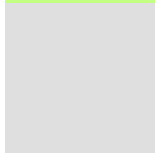


Tritanomaly
93, 22.268, 144.283

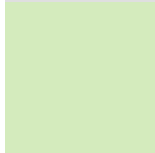
Monochromacy



Original Color
94, 66.093, 126.349



Achromatopsia
89, 0.011, 296.813



Achromatomaly
90, 25.228, 128.176

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 66.659, 126.479 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(194, 255, 130)` looks like.

```
.text, #text, p{  
    color:rgb(194, 255, 130)  
}
```

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(194, 255, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 255, 130) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 66.659, 126.479 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(194, 255, 130) }
```

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

```
.border{ border-color:rgb(194, 255, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 255, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 255, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 255, 130);  
box-shadow:4px 4px 4px 4px rgb(194, 255,  
130) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 66.659, 126.479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 255, 130) }
```

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

```
.background{ background-color: rgb(194,  
255, 130) }
```

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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