

Converting Colors

CIELCh(94, 65.237, 122.371)

Have a look what the booklet for
CIELCh(94, 65.237, 122.371)
contains.

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Color

CIELCh(94, 65.397, 122.459)

Conversions

Conversions Part 1

Format	Color
Hex	CDFE7F
RGB	205, 254, 127
RGB Percent	80%, 100%, 50%
CMY	0.1967, 0.0045, 0.5025
CMYK	0.19, 0.00, 0.50, 0.00
HSL	83°, 98%, 75%
HSV	83°, 50%, 100%
XYZ	64.3487, 85.2715, 33.0973
YIQ	224.8710, 11.5630, -49.8850

Conversions

Conversions Part 2

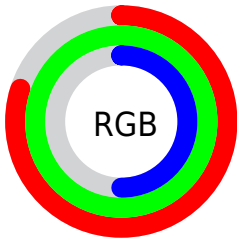
Format	Color
RYB	127, 254, 176
Decimal	13500031
CIELab	94.00, -35.10, 55.18
CIElCh	94, 65.397, 122.459
Yxy	85.2715, 0.3522, 0.4667
Android (android.graphics.Color)	4291690111 (0xFFCDFE7F)
YUV	224.8710, -48.2504, -17.4269
Hunter-Lab	92.3426, -37.2123, 43.3892

Details

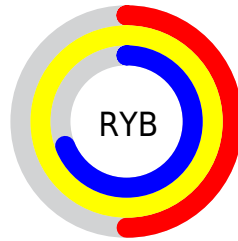
The CIELCh color **94, 65.397, 122.459** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **63, 72.061, 308.180**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 36.662, 107.383**, and **74, 65.541, 122.458** is the 20% darker color. If you saturate the color by 10%, you get **93, 76.982, 122.134**, and if you desaturate by 10%, it is **95, 52.965, 122.912**.

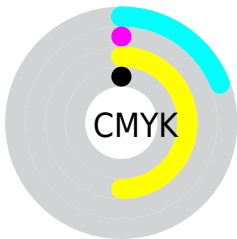
Distribution



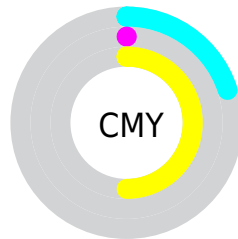
- Red (80%)
- Green (100%)
- Blue (50%)



- Red (50%)
- Yellow (100%)
- Blue (69%)



- Cyan (19%)
- Magenta (0%)
- Yellow (50%)
- Black (0%)




- Cyan (20%)
- Magenta (0%)
- Yellow (50%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 94, 65.397, 122.459 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, 65.397, 122.459 by changing the saturation by 10% instead.


 94, 65.397,
122.459


 94, 65.397,
122.459


 100, 65.397,
122.459


 84, 65.397,
122.459

 74, 65.397,
122.459

 64, 65.397,
122.459

 54, 65.397,
122.459

 44, 65.397,
122.459

 34, 65.397,
122.459

 24, 65.397,

122.459

■ 14, 65.397,
122.459

■ 4, 65.397, 122.459

■ 94, 65.397,
122.459

■ 94, 65.397,
122.459

■ 93, 76.982,
122.134

■ 95, 52.965,
122.912

■ 92, 87.242,
122.024

■ 96, 40.017,
123.425

■ 92, 95.589,
122.252

■ 97, 26.783,
123.958

■ 91, 101.481,
122.936

■ 98, 13.416,
124.488

■ 91, 104.961,
124.076

100, 0.023,
129.101

100, 0.722,
324.038

Harmonies

Complementary

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



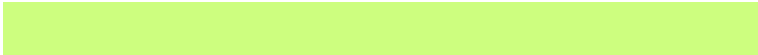
94, 65.397, 122.459



63, 72.061, 308.180

Rectangle

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



94, 65.397, 122.459



94, 65.397, 172.459



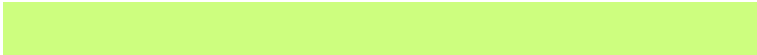
94, 65.397, 302.459



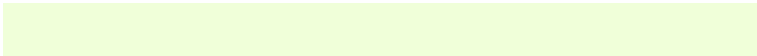
94, 65.397, 352.459

Sweetspot

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



94, 65.398, 122.461



98, 20.148, 124.225



78, 43.219, 57.309



52, 13.743, 124.113



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, 65.398, 122.461



94, 77.233, 122.134



91, 75.340, 137.856



53, 7.636, 124.515



70, 84.644, 123.800



24, 37.829, 122.264

Inverse Universe

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



63, 72.061, 308.180



56, 87.157, 308.886



70, 75.894, 323.515



49, 7.766, 305.476



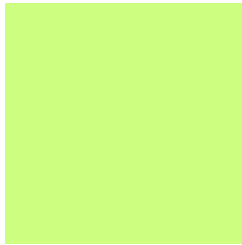
27, 102.965, 309.594



5, 44.882, 309.826

Previews

White Background



This preview shows how the CIELCh color 94, 65.397, 122.459 looks on a white background.

Color Contrast Check

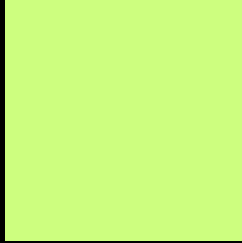
Large Text (above 18pt) WCAG AA × Fail

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, 65.397, 122.459 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

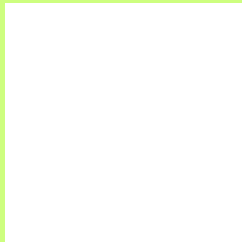
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 65.397, 122.459

Background



This preview shows how black text looks on a background with the CIELCh color 94, 65.397, 122.459.

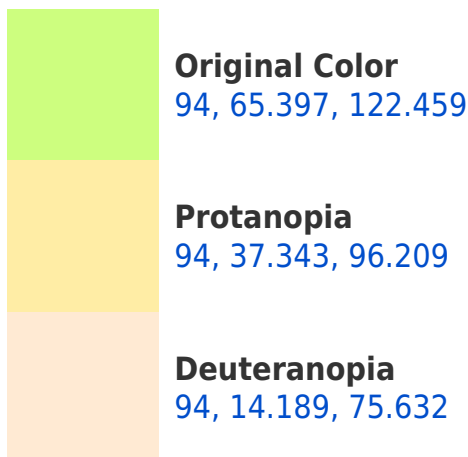


This preview shows how white text looks on a background with the CIELCh color 94, 65.397, 122.459.

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](#).

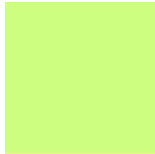
Dichromacy



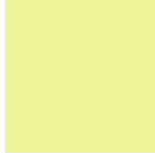


Tritanopia
94, 9.414, 260.592

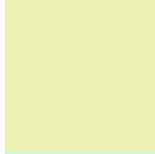
Trichromacy



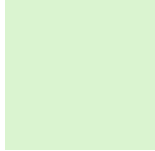
Original Color
94, 65.397, 122.459



Protanomaly
94, 46.328, 109.454

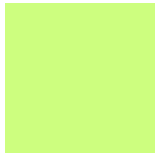


Deuteranomaly
94, 31.079, 110.550

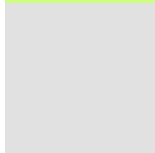


Tritanomaly
94, 20.808, 135.775

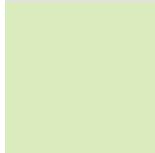
Monochromacy



Original Color
94, 65.397, 122.459



Achromatopsia
90, 0.011, 296.813



Achromatomaly
91, 24.515, 123.366

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 65.397, 122.459 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(205, 254, 127)` looks like.

```
.text, #text, p{  
    color:rgb(205, 254, 127)  
}
```

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(205, 254, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 254, 127) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 65.397, 122.459 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(205, 254, 127) }
```

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

```
.border{ border-color:rgb(205, 254, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 254, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 254, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 254, 127);  
box-shadow:4px 4px 4px 4px rgb(205, 254,  
127) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 65.397, 122.459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 254, 127) }
```

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

```
.background{ background-color: rgb(205,  
254, 127) }
```

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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