

Converting Colors

CIELCh(94, 70.016, 125.351)

Have a look what the booklet for
CIELCh(94, 70.016, 125.351)
contains.

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Color

CIElCh(94, 69.455, 125.158)

Conversions

Conversions Part 1

Format	Color
Hex	C3FF7B
RGB	195, 255, 123
RGB Percent	76%, 100%, 48%
CMY	0.2349, 0.0000, 0.5175
CMYK	0.23, 0.00, 0.52, 0.00
HSL	87°, 100%, 74%
HSV	87°, 52%, 100%
XYZ	62.2197, 85.2715, 31.9272
YIQ	222.0120, 6.6120, -53.7720

Conversions

Conversions Part 2

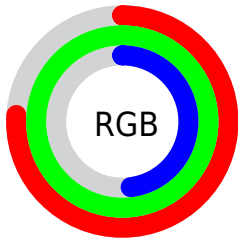
Format	Color
RYB	123, 255, 183
Decimal	12844923
CIELab	94.00, -39.99, 56.78
CIElCh	94, 69.455, 125.158
Yxy	85.2715, 0.3468, 0.4753
Android (android.graphics.Color)	4291035003 (0xFFC3FF7B)
YUV	222.0120, -48.8129, -23.6895
Hunter-Lab	92.3426, -41.3276, 44.1404

Details

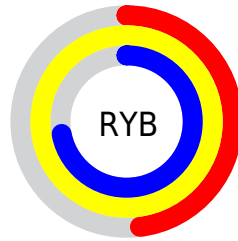
The CIELCh color **94, 69.455, 125.158** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **63, 75.168, 310.332**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 38.631, 107.805**, and **74, 69.001, 125.088** is the 20% darker color. If you saturate the color by 10%, you get **93, 80.569, 124.714**, and if you desaturate by 10%, it is **95, 56.265, 125.417**.

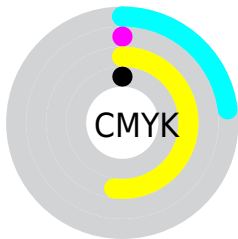
Distribution



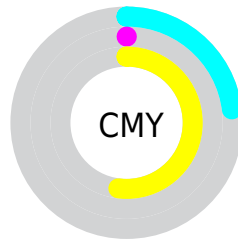
- Red (76%)
- Green (100%)
- Blue (48%)



- Red (48%)
- Yellow (100%)
- Blue (72%)



- Cyan (23%)
- Magenta (0%)
- Yellow (52%)
- Black (0%)





- Cyan (23%)
- Magenta (0%)
- Yellow (52%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 94, 69.455, 125.158 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, 69.455, 125.158 by changing the saturation by 10% instead.


 94, 69.455,
125.158


 94, 69.455,
125.158

 100, 69.455,
125.158


 84, 69.455,
125.158

 74, 69.455,
125.158

 64, 69.455,
125.158

 54, 69.455,
125.158

 44, 69.455,
125.158

 34, 69.455,
125.158

 24, 69.455,

125.158

■ 14, 69.455,
125.158

■ 4, 69.455, 125.158

■ 94, 69.455,
125.158

■ 94, 69.455,
125.158

■ 93, 80.569,
124.714

■ 95, 56.265,
125.417

■ 92, 90.842,
124.665

■ 96, 43.098,
125.900

■ 91, 99.096,
124.980

■ 97, 29.623,
126.403

■ 91, 104.822,
125.776

■ 98, 16.010,
126.901

■ 90, 107.778,
126.764

■ 100, 2.374,
127.416

100, 0.012,
296.813

Harmonies

Complementary

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



94, 69.455, 125.158



63, 75.168, 310.332

Rectangle

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



94, 69.455, 125.158



94, 69.455, 175.158



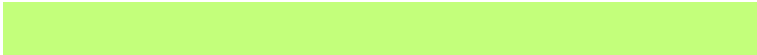
94, 69.455, 305.158



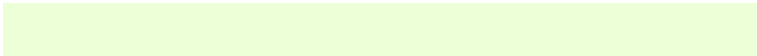
94, 69.455, 355.158

Sweetspot

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



94, 68.876, 124.999



98, 21.800, 126.691



80, 45.104, 63.873



52, 14.717, 126.588



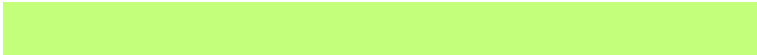
0, 0.000, 0.000



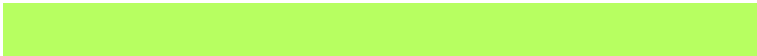
53, 0.007, 296.813

Same Dimension

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



94, 68.876, 124.999



93, 80.842, 124.710



91, 79.472, 139.124



53, 7.742, 127.011



70, 86.582, 126.477



24, 38.578, 124.906

Inverse Universe

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



63, 75.168, 310.332



56, 90.017, 310.890



70, 79.367, 325.619



49, 7.860, 307.886



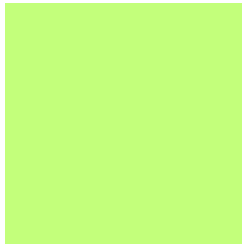
29, 101.530, 310.874



6, 44.922, 311.622

Previews

White Background



This preview shows how the CIE LCh color 94, 69.455, 125.158 looks on a white background.

Color Contrast Check

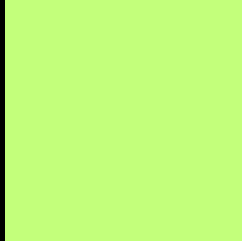
Large Text (above 18pt) WCAG AA × Fail

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, 69.455, 125.158 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

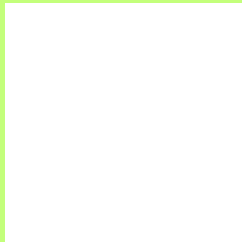
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 69.455, 125.158

Background



This preview shows how black text looks on a background with the CIELCh color 94, 69.455, 125.158.

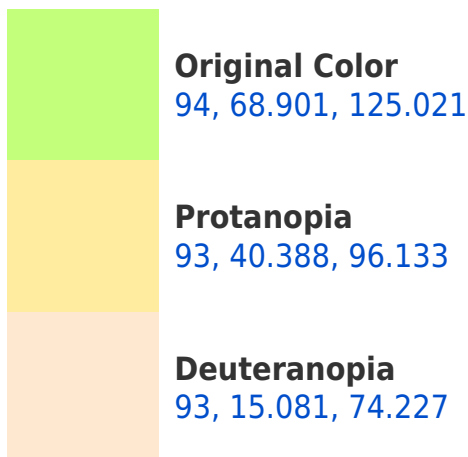


This preview shows how white text looks on a background with the CIELCh color 94, 69.455, 125.158.

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



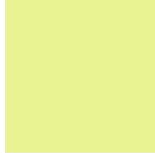


Tritanopia
93, 10.717, 249.651

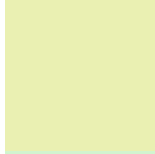
Trichromacy



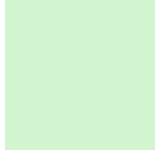
Original Color
94, 68.901, 125.021



Protanomaly
93, 49.315, 110.909

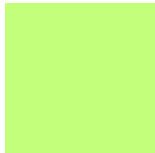


Deuteranomaly
93, 32.189, 112.427

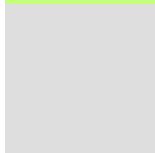


Tritanomaly
93, 23.353, 141.444

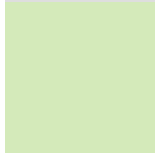
Monochromacy



Original Color
94, 68.901, 125.021



Achromatopsia
88, 0.011, 296.813



Achromatomaly
90, 26.085, 126.630

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 69.455, 125.158 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(195, 255, 123)` looks like.

```
.text, #text, p{  
    color:rgb(195, 255, 123)  
}
```

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(195, 255, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 255, 123) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 69.455, 125.158 is called "border". The border property can be set on classes, ids or directly on the HTML element.

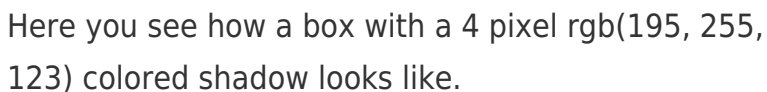
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(195, 255, 123) }
```

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

```
.border{ border-color:rgb(195, 255, 123) }
```

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



Here you see how a box with a 4 pixel `rgb(195, 255, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 255, 123); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 255, 123); box-shadow:4px 4px 4px 4px rgb(195, 255, 123) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 69.455, 125.158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 255, 123) }
```

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

```
.background{ background-color: rgb(195,  
255, 123) }
```

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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