

Converting Colors

CIELCh(94, 73.030, 124.622)

Have a look what the booklet for
CIELCh(94, 73.030, 124.622)
contains.

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Color

CIELCh(94, 71.926, 124.338)

Conversions

Conversions Part 1

Format	Color
Hex	C3FF75
RGB	195, 255, 117
RGB Percent	76%, 100%, 46%
CMY	0.2342, 0.0000, 0.5404
CMYK	0.23, 0.00, 0.54, 0.00
HSL	86°, 100%, 73%
HSV	86°, 54%, 100%
XYZ	61.9719, 85.2715, 30.0846
YIQ	221.3280, 8.5380, -55.6380

Conversions

Conversions Part 2

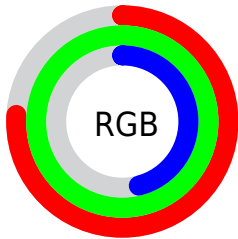
Format	Color
RYB	117, 255, 177
Decimal	12844917
CIELab	94.00, -40.57, 59.39
CIElCh	94, 71.926, 124.338
Yxy	85.2715, 0.3495, 0.4809
Android (android.graphics.Color)	4291034997 (0xFFC3FF75)
YUV	221.3280, -51.4337, -23.0897
Hunter-Lab	92.3426, -41.8066, 45.3235

Details

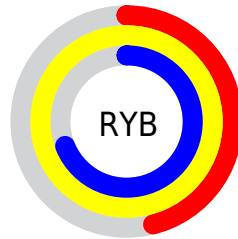
The CIELCh color **94, 71.926, 124.338** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **61, 78.471, 309.858**, and the grayscale version is **88, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 41.563, 107.541**, and **74, 71.540, 124.172** is the 20% darker color. If you saturate the color by 10%, you get **93, 82.600, 123.908**, and if you desaturate by 10%, it is **95, 58.903, 124.546**.

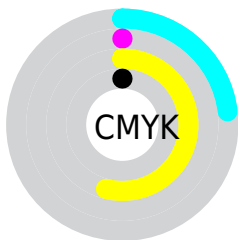
Distribution



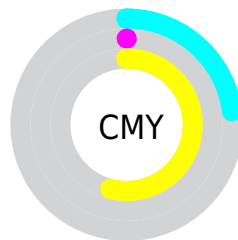
- Red (76%)
- Green (100%)
- Blue (46%)



- Red (46%)
- Yellow (100%)
- Blue (69%)



- Cyan (23%)
- Magenta (0%)
- Yellow (54%)
- Black (0%)



- Cyan (23%)
- Magenta (0%)
- Yellow (54%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 94, 71.926, 124.338 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, 71.926, 124.338 by changing the saturation by 10% instead.


 94, 71.926,
124.338


 94, 71.926,
124.338

 100, 71.926,
124.338


 84, 71.926,
124.338

 74, 71.926,
124.338

 64, 71.926,
124.338

 54, 71.926,
124.338

 44, 71.926,
124.338

 34, 71.926,
124.338

 24, 71.926,

124.338

■ 14, 71.926,
124.338

■ 4, 71.926, 124.338

■ 94, 71.926,
124.338

■ 94, 71.926,
124.338

■ 93, 82.600,
123.908

■ 95, 58.903,
124.546

■ 92, 92.386,
123.930

■ 96, 45.914,
125.023

■ 91, 100.017,
124.346

■ 97, 32.565,
125.531

■ 91, 105.057,
125.260

■ 98, 19.039,
126.039

■ 91, 107.033,
125.994

■ 99, 5.463, 126.541
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.



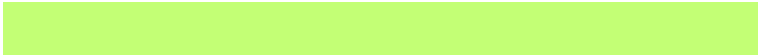
94, 71.926, 124.338



61, 78.471, 309.858

Rectangle

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



94, 71.926, 124.338



94, 71.926, 174.338



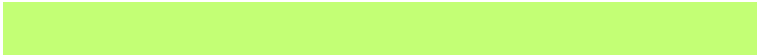
94, 71.926, 304.338



94, 71.926, 354.338

Sweetspot

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



94, 71.262, 124.149



98, 21.702, 125.940



78, 47.340, 61.957



52, 14.650, 125.836



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, 71.262, 124.149



93, 83.619, 123.896



90, 82.220, 138.563



53, 7.708, 126.266



70, 85.993, 125.708



24, 38.347, 124.139

Inverse Universe

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



61, 78.471, 309.858



54, 94.221, 310.471



69, 82.198, 325.193



49, 7.830, 307.164



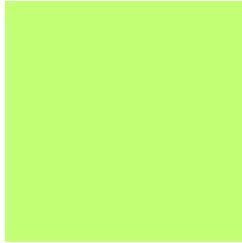
28, 101.970, 310.464



6, 44.918, 311.072

Previews

White Background



This preview shows how the CIELCh color 94, 71.926, 124.338 looks on a white background.

Color Contrast Check

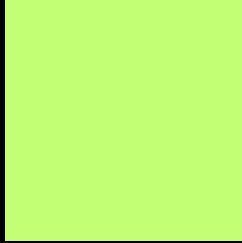
Large Text (above 18pt) WCAG AA × Fail

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, 71.926, 124.338 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

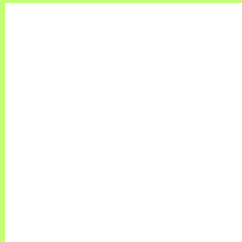
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 71.926, 124.338

Background



This preview shows how black text looks on a background with the CIELCh color 94, 71.926, 124.338.

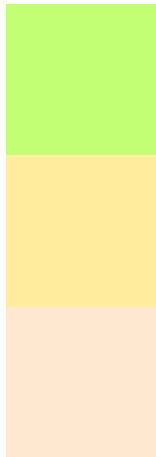


This preview shows how white text looks on a background with the CIELCh color 94, 71.926, 124.338.

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, 71.383, 124.198

Protanopia

93, 41.362, 96.288

Deuteranopia

93, 15.513, 75.237

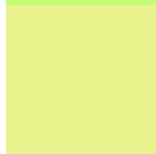


Tritanopia
93, 10.717, 249.651

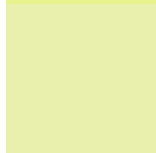
Trichromacy



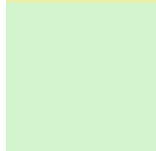
Original Color
94, 71.383, 124.198



Protanomaly
93, 50.738, 110.677

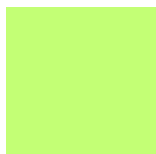


Deuteranomaly
93, 33.684, 112.109

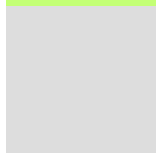


Tritanomaly
93, 24.228, 140.146

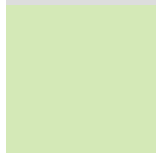
Monochromacy



Original Color
94, 71.383, 124.198



Achromatopsia
88, 0.010, 296.813



Achromatomaly
90, 26.958, 125.170

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 71.926, 124.338 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, 117)` looks like.

```
.text, #text, p{  
    color:rgb(195, 255, 117)  
}
```

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, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 255, 117) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 71.926, 124.338 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, 117) }
```

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

```
.border{ border-color:rgb(195, 255, 117) }
```

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, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 255, 117); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 255, 117); box-shadow:4px 4px 4px 4px rgb(195, 255, 117) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 71.926, 124.338 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, 117) }
```

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

```
.background{ background-color: rgb(195,  
255, 117) }
```

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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