

Converting Colors

CIELCh(94, 70.714, 121.015)

Have a look what the booklet for
CIELCh(94, 70.714, 121.015)
contains.

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Color

CIELCh(94, 70.455, 120.947)

Conversions

Conversions Part 1

Format	Color
Hex	CDFE73
RGB	205, 254, 115
RGB Percent	80%, 100%, 45%
CMY	0.1952, 0.0031, 0.5482
CMYK	0.19, 0.00, 0.55, 0.00
HSL	81°, 99%, 72%
HSV	81°, 55%, 100%
XYZ	63.8518, 85.2715, 29.3737
YIQ	223.5030, 15.4150, -53.6170

Conversions

Conversions Part 2

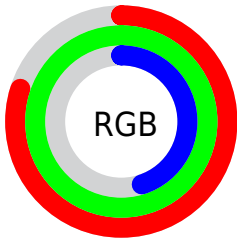
Format	Color
RYB	115, 254, 164
Decimal	13500019
CIELab	94.00, -36.23, 60.43
CIElCh	94, 70.455, 120.947
Yxy	85.2715, 0.3577, 0.4777
Android (android.graphics.Color)	4291690099 (0xFFCDFE73)
YUV	223.5030, -53.4920, -16.2271
Hunter-Lab	92.3426, -38.1727, 45.7799

Details

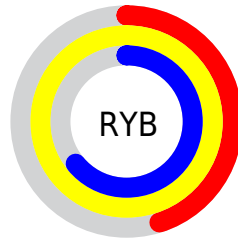
The CIELCh color **94, 70.455, 120.947** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **59, 79.044, 307.562**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 42.533, 106.929**, and **74, 70.381, 120.873** is the 20% darker color. If you saturate the color by 10%, you get **93, 81.381, 120.693**, and if you desaturate by 10%, it is **95, 58.472, 121.368**.

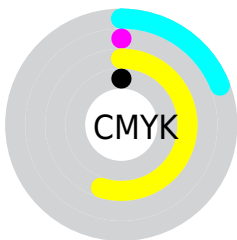
Distribution



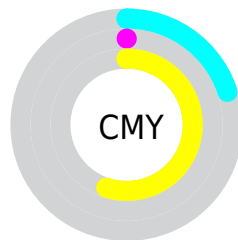
- Red (80%)
- Green (100%)
- Blue (45%)



- Red (45%)
- Yellow (100%)
- Blue (64%)



- Cyan (19%)
- Magenta (0%)
- Yellow (55%)
- Black (0%)




- Cyan (20%)
- Magenta (0%)
- Yellow (55%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 70.455, 120.947 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, 70.455, 120.947 by changing the saturation by 10% instead.

 94, 70.455,
120.947

 94, 70.455,
120.947

 100, 70.455,
120.947


 84, 70.455,
120.947

 74, 70.455,
120.947

 64, 70.455,
120.947

 54, 70.455,
120.947

 44, 70.455,
120.947

 34, 70.455,
120.947

 24, 70.455,

120.947

■ 14, 70.455,
120.947

■ 4, 70.455, 120.947

■ 94, 70.455,
120.947

■ 94, 70.455,
120.947

■ 93, 81.381,
120.693

■ 95, 58.472,
121.368

■ 93, 90.706,
120.705

■ 96, 45.825,
121.876

■ 92, 97.830,
121.108

■ 97, 32.790,
122.424

■ 91, 102.349,
121.997

■ 98, 19.550,
122.979

■ 91, 103.908,
122.624

■ 99, 6.229, 123.528
100, 0.494,
323.832

Harmonies

Complementary

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



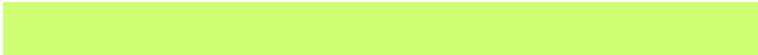
94, 70.455, 120.947



59, 79.044, 307.562

Rectangle

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



94, 70.455, 120.947



94, 70.455, 170.947



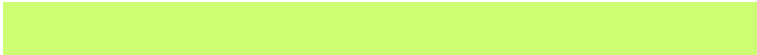
94, 70.455, 300.947



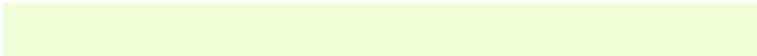
94, 70.455, 350.947

Sweetspot

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



94, 70.456, 120.949



98, 21.353, 122.906



75, 48.325, 53.697



52, 14.412, 122.792



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, 70.456, 120.949



93, 82.916, 120.677



91, 80.991, 136.721



53, 7.589, 123.263



71, 83.722, 122.355



24, 37.482, 120.867

Inverse Universe

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



59, 79.044, 307.562



52, 95.859, 308.416



67, 81.915, 322.638



49, 7.725, 304.276



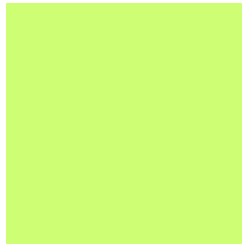
27, 103.636, 309.050



5, 44.840, 308.980

Previews

White Background



This preview shows how the CIE LCh color 94, 70.455, 120.947 looks on a white background.

Color Contrast Check

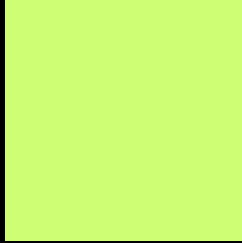
Large Text (above 18pt) WCAG AA × Fail

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, 70.455, 120.947 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

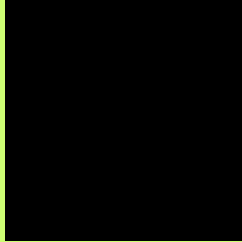
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 94, 70.455, 120.947

Background



This preview shows how black text looks on a background with the CIELCh color 94, 70.455, 120.947.

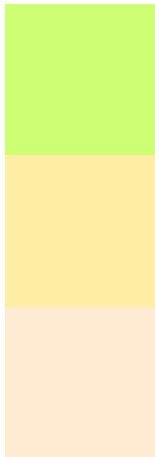


This preview shows how white text looks on a background with the CIELCh color 94, 70.455, 120.947.

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, 70.455, 120.947

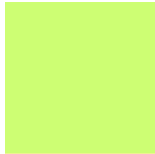
Protanopia
94, 37.834, 96.301

Deuteranopia
94, 14.627, 76.668

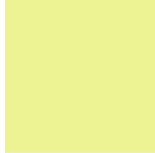


Tritanopia
94, 9.414, 260.592

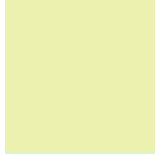
Trichromacy



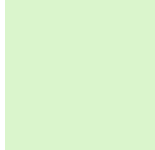
Original Color
94, 70.455, 120.947



Protanomaly
94, 48.727, 109.131

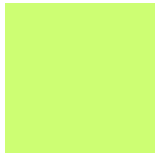


Deuteranomaly
93, 33.078, 110.231

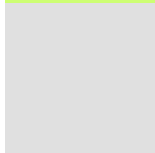


Tritanomaly
94, 23.259, 133.673

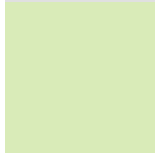
Monochromacy



Original Color
94, 70.455, 120.947



Achromatopsia
89, 0.011, 296.813



Achromatomaly
91, 27.079, 122.611

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 70.455, 120.947 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, 115)` looks like.

```
.text, #text, p{  
    color:rgb(205, 254, 115)  
}
```

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, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 254, 115) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 70.455, 120.947 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, 115) }
```

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

```
.border{ border-color:rgb(205, 254, 115) }
```

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, 115) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 254, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 254, 115);  
box-shadow:4px 4px 4px 4px rgb(205, 254,  
115) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 70.455, 120.947 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, 115) }
```

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

```
.background{ background-color: rgb(205,  
254, 115) }
```

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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