

Converting Colors

CIELCh(94, 69.073, 123.176)

Have a look what the booklet for
CIELCh(94, 69.073, 123.176)
contains.

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Color

CIELCh(94, 69.077, 123.322)

Conversions

Conversions Part 1

Format	Color
Hex	C8FF79
RGB	200, 255, 121
RGB Percent	78%, 100%, 47%
CMY	0.2152, 0.0000, 0.5251
CMYK	0.22, 0.00, 0.53, 0.00
HSL	85°, 100%, 74%
HSV	85°, 53%, 100%
XYZ	63.1042, 85.2715, 31.2570
YIQ	223.2790, 10.2340, -53.3340

Conversions

Conversions Part 2

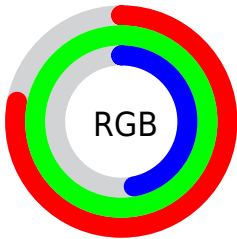
Format	Color
RYB	121, 255, 176
Decimal	13172601
CIELab	94.00, -37.95, 57.72
CIElCh	94, 69.077, 123.322
Yxy	85.2715, 0.3513, 0.4747
Android (android.graphics.Color)	4291362681 (0xFFC8FF79)
YUV	223.2790, -50.4235, -20.4157
Hunter-Lab	92.3426, -39.6179, 44.5708

Details

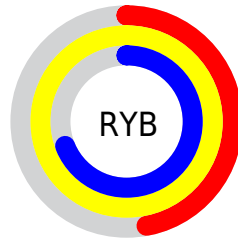
The CIELCh color **94, 69.077, 123.322** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **62, 76.123, 309.068**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 39.607, 107.155**, and **74, 69.024, 123.375** is the 20% darker color. If you saturate the color by 10%, you get **93, 80.452, 123.029**, and if you desaturate by 10%, it is **95, 56.626, 123.723**.

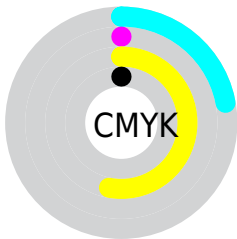
Distribution



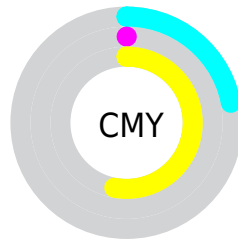
- Red (78%)
- Green (100%)
- Blue (47%)



- Red (47%)
- Yellow (100%)
- Blue (69%)



- Cyan (22%)
- Magenta (0%)
- Yellow (53%)
- Black (0%)





- Cyan (22%)
- Magenta (0%)
- Yellow (53%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 69.077, 123.322 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, 69.077, 123.322 by changing the saturation by 10% instead.


 94, 69.077,
123.322


 94, 69.077,
123.322

 100, 69.077,
123.322


 84, 69.077,
123.322

 74, 69.077,
123.322

 64, 69.077,
123.322

 54, 69.077,
123.322

 44, 69.077,
123.322

 34, 69.077,
123.322

 24, 69.077,

123.322

■ 14, 69.077,
123.322

■ 4, 69.077, 123.322

■ 94, 69.077,
123.322

■ 94, 69.077,
123.322

■ 93, 80.452,
123.029

■ 95, 56.626,
123.723

■ 92, 90.422,
122.999

■ 96, 43.651,
124.215

■ 92, 98.325,
123.342

■ 97, 30.345,
124.734

■ 91, 103.677,
124.168

■ 98, 16.878,
125.252

■ 91, 106.185,
125.072

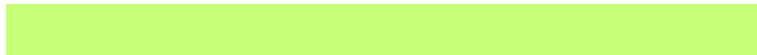
■ 100, 3.369,
125.773

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, 69.077, 123.322



62, 76.123, 309.068

Rectangle

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



94, 69.077, 123.322



94, 69.077, 173.322



94, 69.077, 303.322



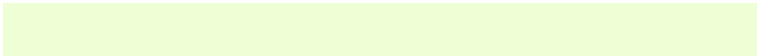
94, 69.077, 353.322

Sweetspot

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



94, 69.016, 123.304



98, 21.594, 125.072



78, 45.828, 58.778



52, 14.577, 124.966



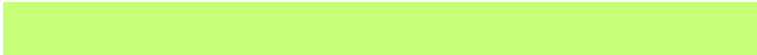
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



94, 69.016, 123.304



93, 80.984, 123.020



91, 79.398, 138.009



53, 7.671, 125.406



70, 85.323, 124.788



24, 38.088, 123.230

Inverse Universe

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



62, 76.123, 309.068



55, 91.461, 309.729



69, 79.760, 324.114



49, 7.798, 306.333



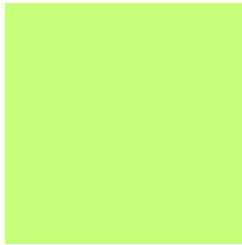
28, 102.466, 310.020



5, 44.904, 310.451

Previews

White Background



This preview shows how the CIELCh color 94, 69.077, 123.322 looks on a white background.

Color Contrast Check

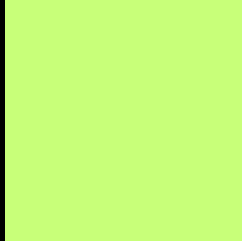
Large Text (above 18pt) WCAG AA × Fail

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, 69.077, 123.322 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

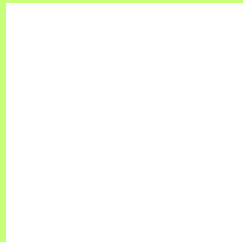
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 69.077, 123.322

Background



This preview shows how black text looks on a background with the CIELCh color 94, 69.077, 123.322.



This preview shows how white text looks on a background with the CIELCh color 94, 69.077, 123.322.

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](#).

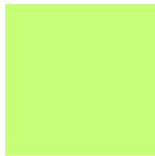
Dichromacy



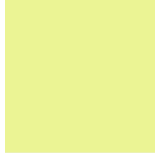


Tritanopia
94, 9.931, 255.537

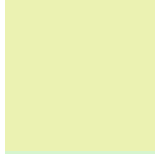
Trichromacy



Original Color
94, 69.077, 123.322



Protanomaly
94, 48.300, 110.613

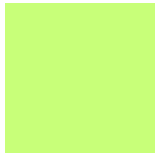


Deuteranomaly
94, 32.641, 112.336

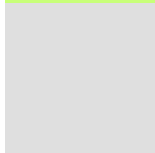


Tritanomaly
93, 23.033, 137.896

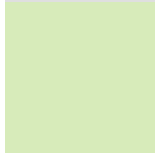
Monochromacy



Original Color
94, 69.077, 123.322



Achromatopsia
89, 0.011, 296.813



Achromatomaly
91, 26.313, 124.758

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 69.077, 123.322 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(200, 255, 121)` looks like.

```
.text, #text, p{  
    color:rgb(200, 255, 121)  
}
```

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(200, 255, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 255, 121) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 69.077, 123.322 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(200, 255, 121) }
```

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

```
.border{ border-color:rgb(200, 255, 121) }
```

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

Here you see how a box with a 4 pixel rgb(200, 255, 121) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 255, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 255, 121);  
box-shadow:4px 4px 4px 4px rgb(200, 255,  
121) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 69.077, 123.322 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 255, 121) }
```

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

```
.background{ background-color: rgb(200,  
255, 121) }
```

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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