

Converting Colors

CIELCh(93, 72.829, 129.714)

Have a look what the booklet for
CIELCh(93, 72.829, 129.714)
contains.

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Color

CIELCh(93, 71.969, 129.596)

Conversions

Conversions Part 1

Format	Color
Hex	B2FF7B
RGB	178, 255, 123
RGB Percent	70%, 100%, 48%
CMY	0.3024, 0.0000, 0.5183
CMYK	0.30, 0.00, 0.52, 0.00
HSL	95°, 100%, 74%
HSV	95°, 52%, 100%
XYZ	57.9419, 82.9670, 31.6424
YIQ	216.9290, -3.5200, -57.3760

Conversions

Conversions Part 2

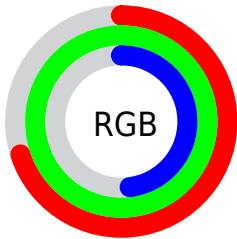
Format	Color
RYB	123, 255, 200
Decimal	11730811
CIELab	93.00, -45.87, 55.46
CIElCh	93, 71.969, 129.596
Yxy	82.9670, 0.3358, 0.4808
Android (android.graphics.Color)	4289920891 (0xFFB2FF7B)
YUV	216.9290, -46.3070, -34.1407
Hunter-Lab	91.0862, -45.8532, 43.1636

Details

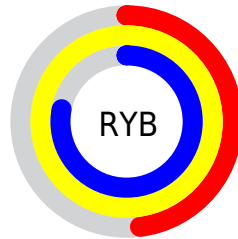
The CIELCh color **93, 71.969, 129.596** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **65, 75.958, 314.285**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 39.377, 117.856**, and **73, 71.662, 129.541** is the 20% darker color. If you saturate the color by 10%, you get **92, 83.678, 129.175**, and if you desaturate by 10%, it is **94, 58.372, 129.964**.

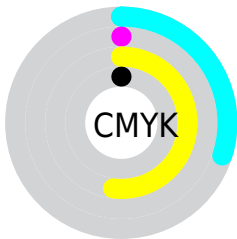
Distribution



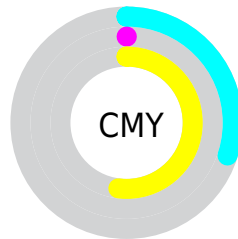
- Red (70%)
- Green (100%)
- Blue (48%)



- Red (48%)
- Yellow (100%)
- Blue (78%)



- Cyan (30%)
- Magenta (0%)
- Yellow (52%)
- Black (0%)





- Cyan (30%)
- Magenta (0%)
- Yellow (52%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 71.969, 129.596 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 93, 71.969, 129.596 by changing the saturation by 10% instead.


 93, 71.969,
129.596


 93, 71.969,
129.596


 100, 71.969,
129.596


 83, 71.969,
129.596

 73, 71.969,
129.596

 63, 71.969,
129.596

 53, 71.969,
129.596

 43, 71.969,
129.596

 33, 71.969,
129.596

 23, 71.969,

129.596

■ 13, 71.969,
129.596

■ 3, 71.969, 129.596

■ 93, 71.969,
129.596

■ 93, 71.969,
129.596

■ 92, 83.678,
129.175

■ 94, 58.372,
129.964

■ 91, 94.411,
129.053

■ 95, 44.690,
130.458

■ 90, 103.077,
129.280

■ 97, 30.712,
130.954

■ 90, 109.155,
129.972

■ 98, 16.624,
131.430

■ 89, 112.314,
130.841

■ 100, 2.555,
131.924

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.



93, 71.969, 129.596



65, 75.958, 314.285

Rectangle

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



93, 71.969, 129.596



93, 71.969, 179.596



93, 71.969, 309.596



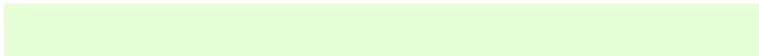
93, 71.969, 359.596

Sweetspot

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



93, 71.493, 129.513



97, 22.501, 131.235



84, 47.013, 76.829



52, 15.195, 131.137



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



93, 71.493, 129.513



92, 83.872, 129.171



91, 76.421, 142.256



52, 7.983, 131.538



69, 90.197, 130.575



23, 40.062, 129.147

Inverse Universe

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



65, 75.958, 314.285



59, 90.131, 314.636



71, 75.815, 329.742



49, 8.075, 312.323



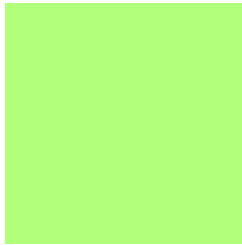
32, 98.745, 313.936



7, 44.725, 315.203

Previews

White Background



This preview shows how the CIE LCh color 93, 71.969, 129.596 looks on a white background.

Color Contrast Check

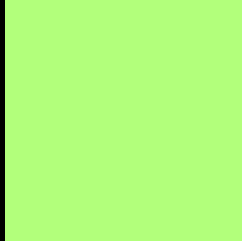
Large Text (above 18pt) WCAG AA × Fail

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 93, 71.969, 129.596 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

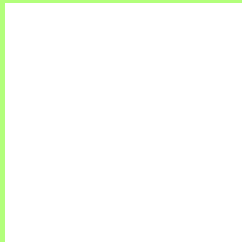
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 71.969, 129.596

Background



This preview shows how black text looks on a background with the CIELCh color 93, 71.969, 129.596.

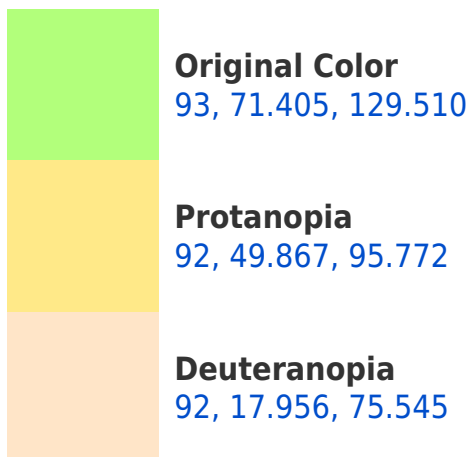


This preview shows how white text looks on a background with the CIELCh color 93, 71.969, 129.596.

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



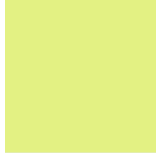


Tritanopia
93, 13.751, 235.959

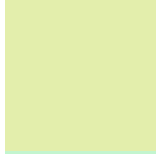
Trichromacy



Original Color
93, 71.405, 129.510



Protanomaly
92, 55.163, 111.656

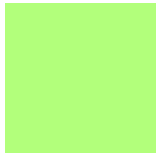


Deuteranomaly
92, 33.908, 114.679

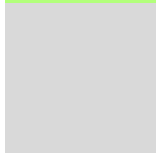


Tritanomaly
92, 26.627, 150.484

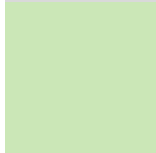
Monochromacy



Original Color
93, 71.405, 129.510



Achromatopsia
87, 0.010, 296.813



Achromatomaly
89, 26.980, 131.005

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 71.969, 129.596 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(178, 255, 123)` looks like.

```
.text, #text, p{  
    color:rgb(178, 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(178, 255, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 255, 123) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 71.969, 129.596 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(178, 255, 123) }
```

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

```
.border{ border-color:rgb(178, 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(178, 255, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 255, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 255, 123);  
box-shadow:4px 4px 4px 4px rgb(178, 255,  
123) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 71.969, 129.596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 255, 123) }
```

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

```
.background{ background-color: rgb(178,  
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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