

Converting Colors

CIELCh(93, 69.371, 130.715)

Have a look what the booklet for
CIELCh(93, 69.371, 130.715)
contains.

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Color

CIElCh(93, 69.100, 130.756)

Conversions

Conversions Part 1

Format	Color
Hex	B2FF82
RGB	178, 255, 130
RGB Percent	70%, 100%, 51%
CMY	0.3033, 0.0000, 0.4917
CMYK	0.30, 0.00, 0.49, 0.00
HSL	97°, 100%, 75%
HSV	97°, 49%, 100%
XYZ	58.2540, 82.9670, 33.9261
YIQ	217.7270, -5.7670, -55.1990

Conversions

Conversions Part 2

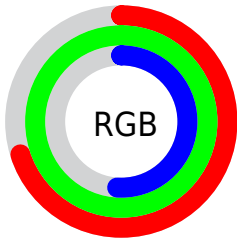
Format	Color
RYB	130, 255, 207
Decimal	11730818
CIELab	93.00, -45.11, 52.34
CIElCh	93, 69.100, 130.756
Yxy	82.9670, 0.3326, 0.4737
Android (android.graphics.Color)	4289920898 (0xFFB2FF82)
YUV	217.7270, -43.2494, -34.8406
Hunter-Lab	91.0862, -45.2417, 41.6771

Details

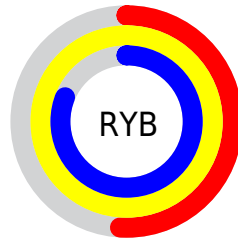
The CIELCh color **93, 69.100, 130.756** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **67, 72.343, 315.214**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 35.992, 119.039**, and **73, 68.655, 130.847** is the 20% darker color. If you saturate the color by 10%, you get **92, 81.346, 130.295**, and if you desaturate by 10%, it is **94, 55.302, 131.187**.

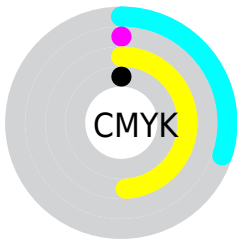
Distribution



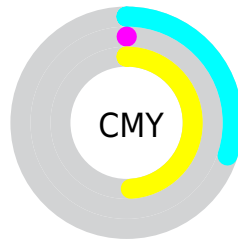
- Red (70%)
- Green (100%)
- Blue (51%)



- Red (51%)
- Yellow (100%)
- Blue (81%)



- Cyan (30%)
- Magenta (0%)
- Yellow (49%)
- Black (0%)





- Cyan (30%)
- Magenta (0%)
- Yellow (49%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 93, 69.100, 130.756 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, 69.100, 130.756 by changing the saturation by 10% instead.


 93, 69.100,
130.756


 93, 69.100,
130.756


 100, 69.100,
130.756


 83, 69.100,
130.756

 73, 69.100,
130.756

 63, 69.100,
130.756

 53, 69.100,
130.756

 43, 69.100,
130.756

 33, 69.100,
130.756

 23, 69.100,

130.756

■ 13, 69.100,
130.756

■ 3, 69.100, 130.756

■ 93, 69.100,
130.756

■ 93, 69.100,
130.756

■ 92, 81.346,
130.295

■ 94, 55.302,
131.187

■ 91, 92.632,
130.066

■ 95, 41.378,
131.698

■ 90, 101.996,
130.141

■ 97, 27.215,
132.197

■ 89, 108.853,
130.647

■ 98, 12.988,
132.669

■ 89, 113.086,
131.598

100, 0.012,
296.813

■ 89, 113.380,
131.677

Harmonies

Complementary

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



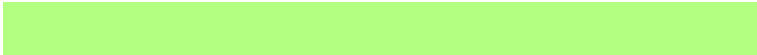
93, 69.100, 130.756



67, 72.343, 315.214

Rectangle

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



93, 69.100, 130.756



93, 69.100, 180.756



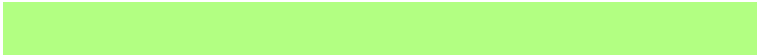
93, 69.100, 310.756



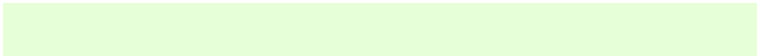
93, 69.100, 0.756

Sweetspot

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



93, 68.742, 130.700



97, 21.280, 132.397



86, 45.277, 80.240



52, 14.524, 132.297



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, 68.742, 130.700



92, 81.140, 130.300



91, 71.191, 143.522



52, 8.053, 132.654



69, 91.056, 131.423



23, 40.437, 130.072

Inverse Universe

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



67, 72.343, 315.214



61, 86.197, 315.554



72, 70.788, 330.730



49, 8.138, 313.431



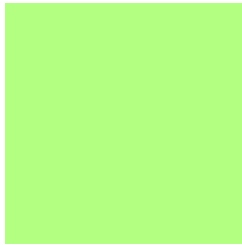
33, 98.056, 314.852



7, 44.593, 316.145

Previews

White Background



This preview shows how the CIE LCh color 93, 69.100, 130.756 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, 69.100, 130.756 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

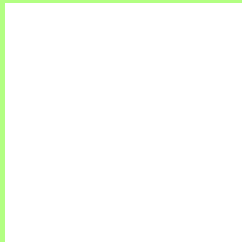
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 69.100, 130.756

Background



This preview shows how black text looks on a background with the CIELCh color 93, 69.100, 130.756.

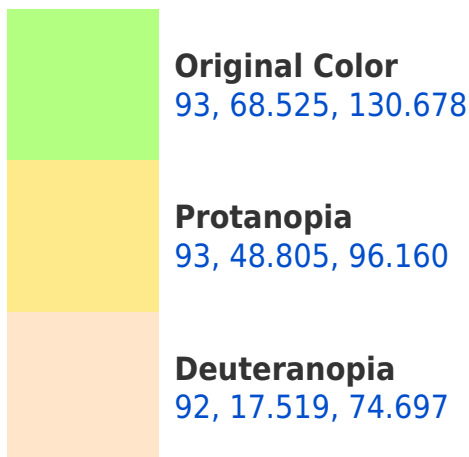


This preview shows how white text looks on a background with the CIELCh color 93, 69.100, 130.756.

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

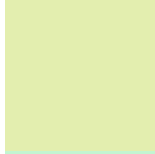
Trichromacy



Original Color
93, 68.525, 130.678



Protanomaly
92, 53.323, 112.424

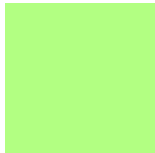


Deuteranomaly
92, 32.418, 115.105

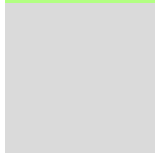


Tritanomaly
92, 25.845, 151.966

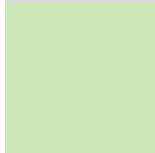
Monochromacy



Original Color
93, 68.525, 130.678



Achromatopsia
87, 0.010, 296.813



Achromatomaly
89, 25.562, 132.363

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 69.100, 130.756 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, 130)` looks like.

```
.text, #text, p{  
    color:rgb(178, 255, 130)  
}
```

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, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 255, 130) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 69.100, 130.756 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, 130) }
```

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

```
.border{ border-color:rgb(178, 255, 130) }
```

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, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 255, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 255, 130);  
box-shadow:4px 4px 4px 4px rgb(178, 255,  
130) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 69.100, 130.756 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, 130) }
```

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

```
.background{ background-color: rgb(178,  
255, 130) }
```

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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