

Converting Colors

CIELCh(93, 62.561, 133.077)

Have a look what the booklet for
CIELCh(93, 62.561, 133.077)
contains.

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Color

CIELCh(93, 62.481, 133.066)

Conversions

Conversions Part 1

Format	Color
Hex	B3FF90
RGB	179, 255, 144
RGB Percent	70%, 100%, 56%
CMY	0.2988, 0.0007, 0.4360
CMYK	0.30, 0.00, 0.44, 0.00
HSL	101°, 100%, 78%
HSV	101°, 44%, 100%
XYZ	59.2665, 82.9670, 39.2051
YIQ	219.6220, -9.6650, -50.6330

Conversions

Conversions Part 2

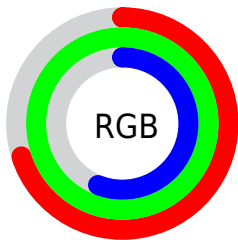
Format	Color
RYB	144, 255, 220
Decimal	11796368
CIELab	93.00, -42.66, 45.65
CIElCh	93, 62.481, 133.066
Yxy	82.9670, 0.3266, 0.4573
Android (android.graphics.Color)	4289986448 (0xFFB3FF90)
YUV	219.6220, -37.2816, -35.6255
Hunter-Lab	91.0862, -43.2574, 38.2409

Details

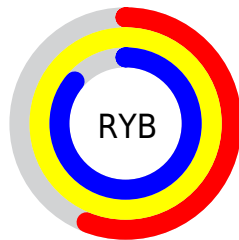
The CIELCh color **93, 62.481, 133.066** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **71, 64.684, 317.119**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 29.106, 121.364**, and **73, 62.707, 133.017** is the 20% darker color. If you saturate the color by 10%, you get **92, 75.863, 132.541**, and if you desaturate by 10%, it is **94, 48.454, 133.620**.

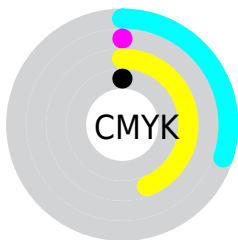
Distribution



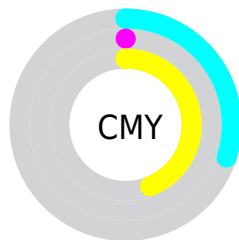
- Red (70%)
- Green (100%)
- Blue (56%)



- Red (56%)
- Yellow (100%)
- Blue (86%)



- Cyan (30%)
- Magenta (0%)
- Yellow (44%)
- Black (0%)




- Cyan (30%)
- Magenta (0%)
- Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 93, 62.481, 133.066 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, 62.481, 133.066 by changing the saturation by 10% instead.


 93, 62.481,
133.066


 93, 62.481,
133.066


 100, 62.481,
133.066


 83, 62.481,
133.066

 73, 62.481,
133.066

 63, 62.481,
133.066

 53, 62.481,
133.066

 43, 62.481,
133.066

 33, 62.481,
133.066

 23, 62.481,

133.066

■ 13, 62.481,
133.066

■ 3, 62.481, 133.066

■ 93, 62.481,
133.066

■ 93, 62.481,
133.066

■ 92, 75.863,
132.541

■ 94, 48.454,
133.620

■ 91, 88.172,
132.114

■ 96, 34.081,
134.158

■ 90, 98.854,
131.893

■ 97, 19.581,
134.661

■ 89, 107.269,
132.013

■ 99, 5.108, 135.143

100, 0.126,

■ 89,112.927,
132.579

321.993

■ 89,115.274,
133.119

Harmonies

Complementary

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



93, 62.481, 133.066



71, 64.684, 317.119

Rectangle

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



93, 62.481, 133.066



93, 62.481, 183.066



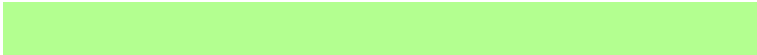
93, 62.481, 313.066



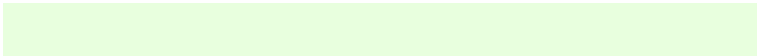
93, 62.481, 3.066

Sweetspot

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



93, 62.483, 133.067



98, 18.785, 134.688



89, 41.771, 86.699



52, 13.153, 134.581



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

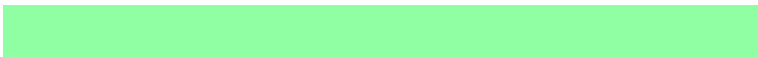
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 62.483, 133.067



92, 73.882, 132.618



92, 60.547, 146.230



52, 8.204, 134.855



68, 92.645, 132.895



23, 41.166, 131.742

Inverse Universe

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



71, 64.684, 317.119



66, 76.925, 317.425



74, 60.561, 332.791



49, 8.275, 315.633



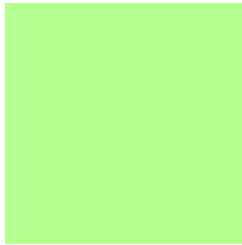
35, 96.740, 316.863



8, 44.195, 318.068

Previews

White Background



This preview shows how the CIE LCh color 93, 62.481, 133.066 looks on a white background.

Color Contrast Check

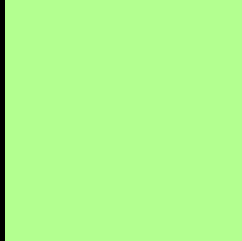
Large Text (above 18pt) WCAG AA × Fail

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, 62.481, 133.066 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, 62.481, 133.066

Background



This preview shows how black text looks on a background with the CIELCh color 93, 62.481, 133.066.

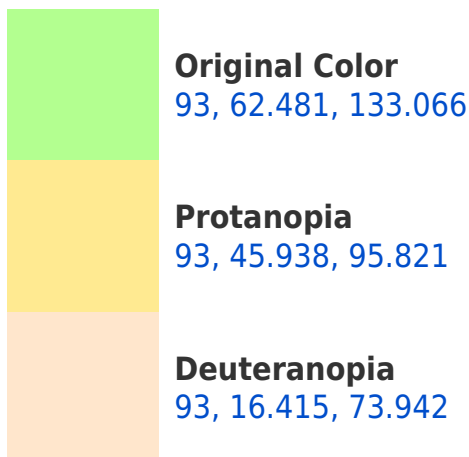


This preview shows how white text looks on a background with the CIELCh color 93, 62.481, 133.066.

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



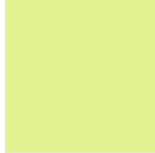


Tritanopia
93, 13.472, 234.073

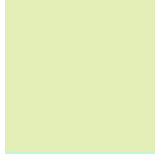
Trichromacy



Original Color
93, 62.481, 133.066



Protanomaly
93, 49.087, 113.267

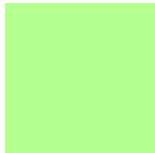


Deuteranomaly
92, 29.470, 116.785

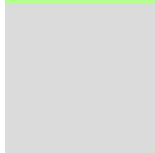


Tritanomaly
93, 23.343, 156.448

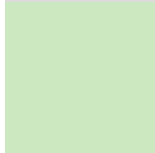
Monochromacy



Original Color
93, 62.481, 133.066



Achromatopsia
87, 0.010, 296.813



Achromatomaly
89, 23.205, 134.963

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 62.481, 133.066 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(179, 255, 144)` looks like.

```
.text, #text, p{  
    color:rgb(179, 255, 144)  
}
```

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(179, 255, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 255, 144) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 62.481, 133.066 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(179, 255, 144) }
```

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

```
.border{ border-color:rgb(179, 255, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 255, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 255, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 255, 144);  
box-shadow:4px 4px 4px 4px rgb(179, 255,  
144) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 62.481, 133.066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 255, 144) }
```

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

```
.background{ background-color: rgb(179,  
255, 144) }
```

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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