

Converting Colors

CIELCh(93, 63.662, 131.653)

Have a look what the booklet for
CIELCh(93, 63.662, 131.653)
contains.

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Color

CIELCh(93, 63.844, 131.729)

Conversions

Conversions Part 1

Format	Color
Hex	B5FF8C
RGB	181, 255, 140
RGB Percent	71%, 100%, 55%
CMY	0.2915, 0.0013, 0.4522
CMYK	0.29, 0.00, 0.45, 0.00
HSL	99°, 99%, 77%
HSV	99°, 45%, 100%
XYZ	59.3371, 82.9670, 37.5747
YIQ	219.7640, -7.1890, -51.4530

Conversions

Conversions Part 2

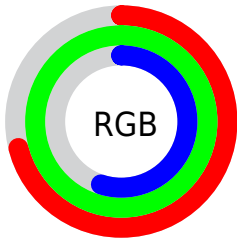
Format	Color
RYB	140, 255, 214
Decimal	11927436
CIELab	93.00, -42.50, 47.65
CIElCh	93, 63.844, 131.729
Yxy	82.9670, 0.3299, 0.4612
Android (android.graphics.Color)	4290117516 (0xFFB5FF8C)
YUV	219.7640, -39.3237, -33.9960
Hunter-Lab	91.0862, -43.1191, 39.3022

Details

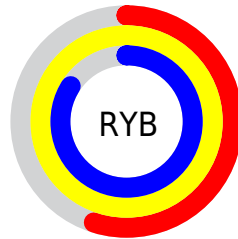
The CIELCh color **93, 63.844, 131.729** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **70, 66.615, 315.889**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 30.886, 119.091**, and **73, 64.005, 131.674** is the 20% darker color. If you saturate the color by 10%, you get **92, 76.926, 131.258**, and if you desaturate by 10%, it is **94, 50.077, 132.250**.

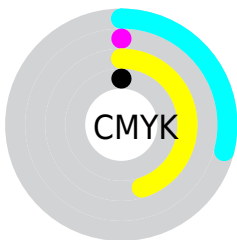
Distribution



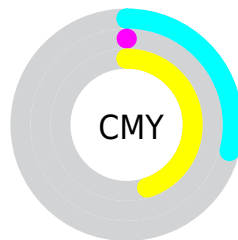
- Red (71%)
- Green (100%)
- Blue (55%)



- Red (55%)
- Yellow (100%)
- Blue (84%)



- Cyan (29%)
- Magenta (0%)
- Yellow (45%)
- Black (0%)





- Cyan (29%)
- Magenta (0%)
- Yellow (45%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 93, 63.844, 131.729 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, 63.844, 131.729 by changing the saturation by 10% instead.


 93, 63.844,
131.729


 93, 63.844,
131.729


 100, 63.844,
131.729


 83, 63.844,
131.729

 73, 63.844,
131.729

 63, 63.844,
131.729

 53, 63.844,
131.729

 43, 63.844,
131.729

 33, 63.844,
131.729

 23, 63.844,

131.729

■ 13, 63.844,
131.729

■ 3, 63.844, 131.729

■ 93, 63.844,
131.729

■ 93, 63.844,
131.729

■ 92, 76.926,
131.258

■ 94, 50.077,
132.250

■ 91, 88.885,
130.913

■ 96, 35.932,
132.770

■ 90, 99.157,
130.810

■ 97, 21.627,
133.265

■ 89, 107.114,
131.081

■ 99, 7.319, 133.734

100, 0.221,

■ 89,112.331,
131.821

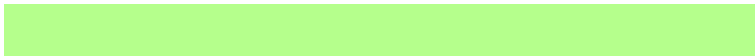
323.047

■ 89,114.070,
132.284

Harmonies

Complementary

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



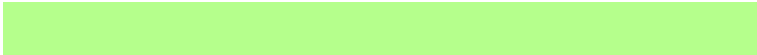
93, 63.844, 131.729



70, 66.615, 315.889

Rectangle

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



93, 63.844, 131.729



93, 63.844, 181.729



93, 63.844, 311.729



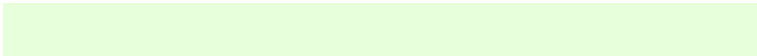
93, 63.844, 1.729

Sweetspot

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



93, 63.846, 131.730



98, 20.003, 133.320



87, 41.808, 82.289



52, 13.817, 133.217



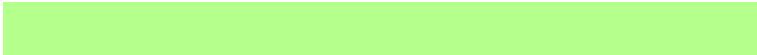
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



93, 63.846, 131.730



92, 75.552, 131.308



91, 64.908, 144.491



52, 8.111, 133.530



68, 91.708, 132.041



23, 40.730, 130.762

Inverse Universe

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



70, 66.615, 315.889



64, 79.436, 316.216



74, 64.728, 331.069



49, 8.190, 314.306



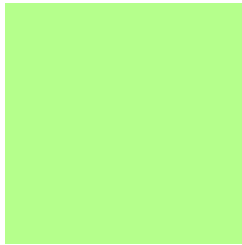
34, 97.523, 315.620



8, 44.458, 316.900

Previews

White Background



This preview shows how the CIELCh color 93, 63.844, 131.729 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, 63.844, 131.729 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, 63.844, 131.729

Background



This preview shows how black text looks on a background with the CIELCh color 93, 63.844, 131.729.

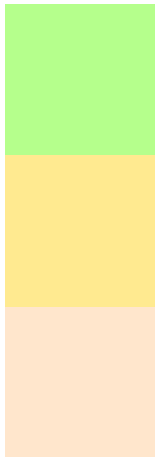


This preview shows how white text looks on a background with the CIELCh color 93, 63.844, 131.729.

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
93, 63.844, 131.729

Protanopia
93, 46.418, 95.883

Deuteranopia
93, 16.415, 73.942

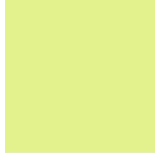


Tritanopia
93, 13.252, 237.630

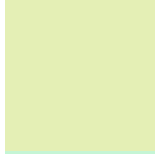
Trichromacy



Original Color
93, 63.844, 131.729



Protanomaly
93, 50.458, 112.531

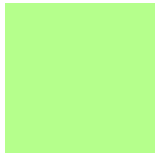


Deuteranomaly
92, 29.907, 115.892

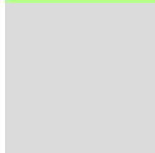


Tritanomaly
93, 23.832, 154.152

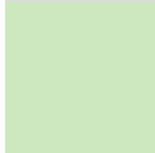
Monochromacy



Original Color
93, 63.844, 131.729



Achromatopsia
87, 0.010, 296.813



Achromatomaly
89, 23.972, 133.103

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 63.844, 131.729 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(181, 255, 140)` looks like.

```
.text, #text, p{  
    color:rgb(181, 255, 140)  
}
```

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(181, 255, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 255, 140) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 63.844, 131.729 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(181, 255, 140) }
```

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

```
.border{ border-color:rgb(181, 255, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 255, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 255, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 255, 140);  
box-shadow:4px 4px 4px 4px rgb(181, 255,  
140) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 63.844, 131.729 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 255, 140) }
```

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

```
.background{ background-color: rgb(181,  
255, 140) }
```

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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