

Converting Colors

CIELCh(93, 63.255, 131.651)

Have a look what the booklet for
CIELCh(93, 63.255, 131.651)
contains.

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Color

CIELCh(93, 62.867, 131.839)

Conversions

Conversions Part 1

Format	Color
Hex	B5FE8D
RGB	181, 254, 141
RGB Percent	71%, 100%, 55%
CMY	0.2885, 0.0022, 0.4455
CMYK	0.29, 0.00, 0.44, 0.00
HSL	99°, 99%, 78%
HSV	99°, 44%, 100%
XYZ	59.5708, 82.9670, 38.2290
YIQ	219.2910, -7.2350, -50.6190

Conversions

Conversions Part 2

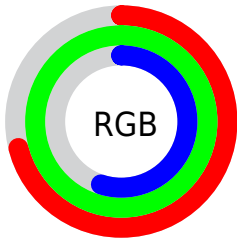
Format	Color
RYB	141, 254, 214
Decimal	11927181
CIELab	93.00, -41.93, 46.84
CIELCh	93, 62.867, 131.839
Yxy	82.9670, 0.3295, 0.4590
Android (android.graphics.Color)	4290117261 (0xFFB5FE8D)
YUV	219.2910, -38.5975, -33.5812
Hunter-Lab	91.0862, -42.6612, 38.8763

Details

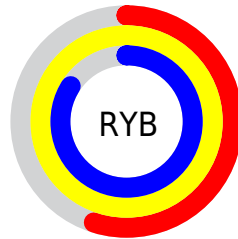
The CIELCh color **93, 62.867, 131.839** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **70, 65.527, 315.934**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 30.397, 119.297**, and **73, 63.045, 131.792** is the 20% darker color. If you saturate the color by 10%, you get **92, 76.011, 131.360**, and if you desaturate by 10%, it is **94, 49.064, 132.363**.

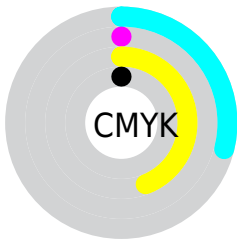
Distribution



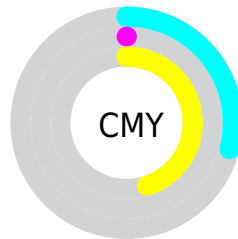
- Red (71%)
- Green (100%)
- Blue (55%)



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



- Cyan (29%)
- Magenta (0%)
- Yellow (44%)
- Black (0%)





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 93, 62.867, 131.839 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, 62.867, 131.839 by changing the saturation by 10% instead.


 93, 62.867,
131.839


 93, 62.867,
131.839


 100, 62.867,
131.839


 83, 62.867,
131.839

 73, 62.867,
131.839

 63, 62.867,
131.839

 53, 62.867,
131.839

 43, 62.867,
131.839

 33, 62.867,
131.839

 23, 62.867,

131.839

■ 13, 62.867,
131.839

■ 3, 62.867, 131.839

■ 93, 62.867,
131.839

■ 93, 62.867,
131.839

■ 92, 76.011,
131.360

■ 94, 49.064,
132.363

■ 91, 88.069,
131.000

■ 96, 34.900,
132.883

■ 90, 98.483,
130.870

■ 97, 20.591,
133.376

■ 89, 106.625,
131.106

■ 99, 6.288, 133.846

100, 0.360,

■ 89,112.040,
131.806

323.593

■ 89,114.062,
132.335

Harmonies

Complementary

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



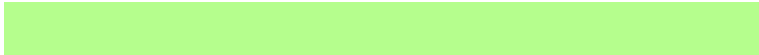
93, 62.867, 131.839



70, 65.527, 315.934

Rectangle

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



93, 62.867, 131.839



93, 62.867, 181.839



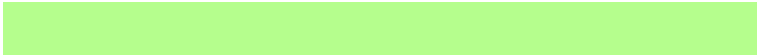
93, 62.867, 311.839



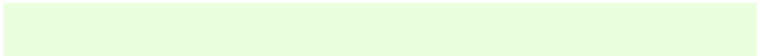
93, 62.867, 1.839

Sweetspot

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



93, 62.869, 131.840



98, 18.581, 133.444



87, 41.082, 82.393



52, 13.010, 133.339



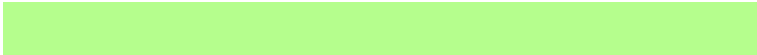
0, 0.000, 0.000



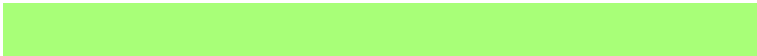
53, 0.007, 296.813

Same Dimension

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



93, 62.869, 131.840



92, 74.325, 131.423



91, 63.881, 144.575



52, 8.116, 133.607



68, 91.764, 132.094



23, 40.756, 130.821

Inverse Universe

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



70, 65.527, 315.934



65, 78.044, 316.255



74, 63.728, 331.024



49, 8.195, 314.382



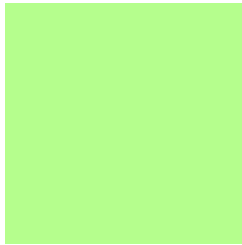
34, 97.477, 315.690



8, 44.445, 316.966

Previews

White Background



This preview shows how the CIE LCh color 93, 62.867, 131.839 looks on a white background.

Color Contrast Check

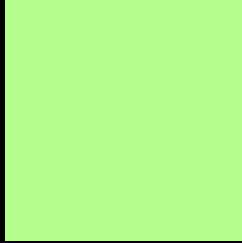
Large Text (above 18pt) WCAG AA × Fail

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, 62.867, 131.839 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

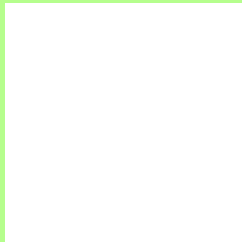
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 62.867, 131.839

Background



This preview shows how black text looks on a background with the CIELCh color 93, 62.867, 131.839.

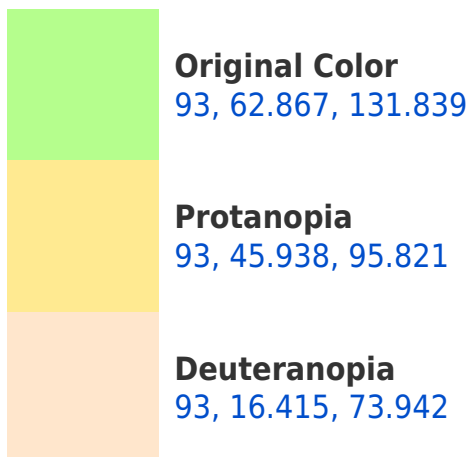


This preview shows how white text looks on a background with the CIELCh color 93, 62.867, 131.839.

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



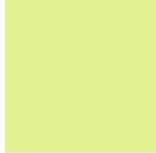


Tritanopia
93, 13.006, 238.516

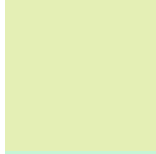
Trichromacy



Original Color
93, 62.867, 131.839



Protanomaly
92, 49.019, 112.344

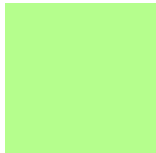


Deuteranomaly
92, 29.907, 115.892

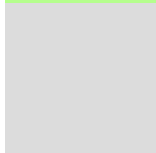


Tritanomaly
93, 23.210, 154.483

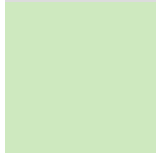
Monochromacy



Original Color
93, 62.867, 131.839



Achromatopsia
88, 0.010, 296.813



Achromatomaly
89, 23.953, 133.106

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 62.867, 131.839 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, 254, 141)` looks like.

```
.text, #text, p{  
    color:rgb(181, 254, 141)  
}
```

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, 254, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 254, 141) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 62.867, 131.839 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, 254, 141) }
```

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

```
.border{ border-color:rgb(181, 254, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 254, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 254, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 254, 141);  
box-shadow:4px 4px 4px 4px rgb(181, 254,  
141) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 62.867, 131.839 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 254, 141) }
```

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

```
.background{ background-color: rgb(181,  
254, 141) }
```

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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