

Converting Colors

CIELCh(93, 75.366, 127.548)

Have a look what the booklet for
CIELCh(93, 75.366, 127.548)
contains.

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Color

CIELCh(93, 75.124, 127.521)

Conversions

Conversions Part 1

Format	Color
Hex	B5FF72
RGB	181, 255, 114
RGB Percent	71%, 100%, 45%
CMY	0.2914, 0.0000, 0.5543
CMYK	0.29, 0.00, 0.55, 0.00
HSL	92°, 100%, 72%
HSV	92°, 55%, 100%
XYZ	57.9897, 82.9670, 28.7764
YIQ	216.8000, 1.1570, -59.5390

Conversions

Conversions Part 2

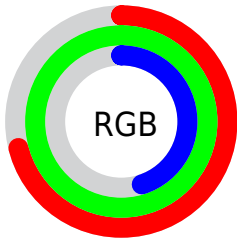
Format	Color
RYB	114, 255, 188
Decimal	11927410
CIELab	93.00, -45.75, 59.58
CIElCh	93, 75.124, 127.521
Yxy	82.9670, 0.3417, 0.4888
Android (android.graphics.Color)	4290117490 (0xFFB5FF72)
YUV	216.8000, -50.6804, -31.3966
Hunter-Lab	91.0862, -45.7596, 45.0292

Details

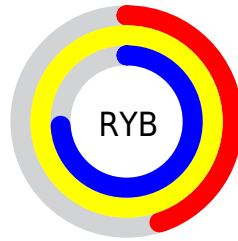
The CIELCh color **93, 75.124, 127.521** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **62, 80.825, 312.675**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 43.451, 114.569**, and **73, 74.689, 127.412** is the 20% darker color. If you saturate the color by 10%, you get **92, 86.270, 127.212**, and if you desaturate by 10%, it is **94, 62.150, 127.835**.

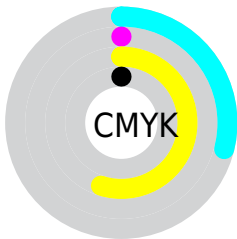
Distribution



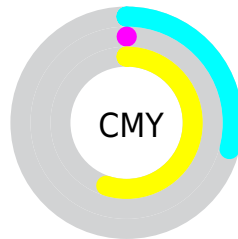
- Red (71%)
- Green (100%)
- Blue (45%)



- Red (45%)
- Yellow (100%)
- Blue (74%)



- Cyan (29%)
- Magenta (0%)
- Yellow (55%)
- Black (0%)





- Cyan (29%)
- Magenta (0%)
- Yellow (55%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 93, 75.124, 127.521 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, 75.124, 127.521 by changing the saturation by 10% instead.


 93, 75.124,
127.521


 93, 75.124,
127.521


 100, 75.124,
127.521


 83, 75.124,
127.521

 73, 75.124,
127.521

 63, 75.124,
127.521

 53, 75.124,
127.521

 43, 75.124,
127.521

 33, 75.124,
127.521

 23, 75.124,

127.521

■ 13, 75.124,
127.521

■ 3, 75.124, 127.521

■ 93, 75.124,
127.521

■ 93, 75.124,
127.521

■ 92, 86.270,
127.212

■ 94, 62.150,
127.835

■ 91, 96.141,
127.253

■ 95, 48.871,
128.302

■ 90, 103.763,
127.700

■ 96, 35.212,
128.793

■ 90, 108.742,
128.647

■ 98, 21.374,
129.278

■ 90, 110.348,
129.188

■ 99, 7.497, 129.748
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.



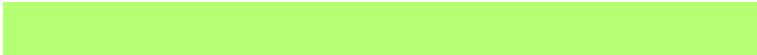
93, 75.124, 127.521



62, 80.825, 312.675

Rectangle

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



93, 75.124, 127.521



93, 75.124, 177.521



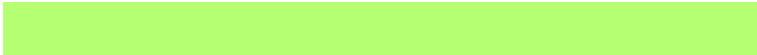
93, 75.124, 307.521



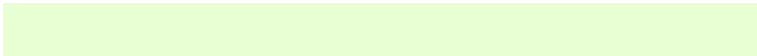
93, 75.124, 357.521

Sweetspot

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



93, 74.755, 127.444



97, 23.558, 129.202



81, 49.296, 69.995



52, 15.758, 129.106



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, 74.755, 127.444



92, 87.949, 127.197



90, 84.670, 140.085



52, 7.869, 129.556



69, 88.625, 128.908



23, 39.400, 127.384

Inverse Universe

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



62, 80.825, 312.675



55, 96.694, 313.095



70, 83.899, 327.790



49, 7.973, 310.370



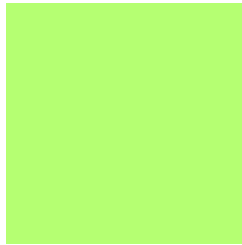
31, 99.976, 312.471



6, 44.867, 313.588

Previews

White Background



This preview shows how the CIELCh color 93, 75.124, 127.521 looks on a white background.

Color Contrast Check

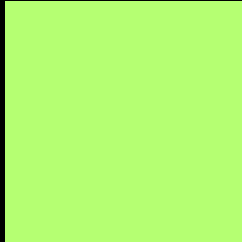
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 93, 75.124, 127.521 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

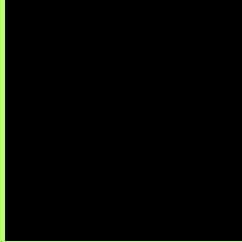
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

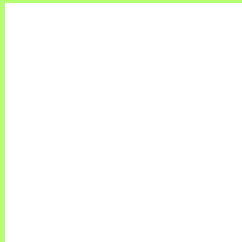
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 75.124, 127.521

Background



This preview shows how black text looks on a background with the CIELCh color 93, 75.124, 127.521.

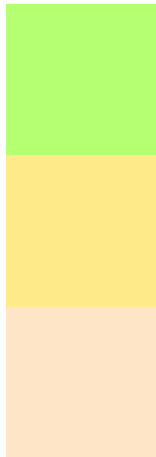


This preview shows how white text looks on a background with the CIELCh color 93, 75.124, 127.521.

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, 74.577, 127.418

Protanopia
93, 49.755, 96.258

Deuteranopia
92, 17.956, 75.545

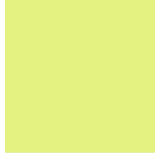


Tritanopia
93, 13.252, 237.630

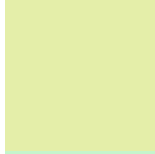
Trichromacy



Original Color
93, 74.577, 127.418



Protanomaly
92, 56.516, 111.428



Deuteranomaly
92, 35.345, 113.660

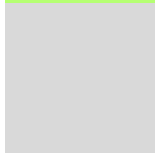


Tritanomaly
92, 27.377, 147.374

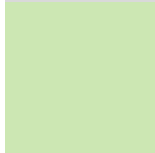
Monochromacy



Original Color
93, 74.577, 127.418



Achromatopsia
87, 0.010, 296.813



Achromatomaly
89, 28.741, 128.714

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 75.124, 127.521 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, 114)` looks like.

```
.text, #text, p{  
    color:rgb(181, 255, 114)  
}
```

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, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 255, 114) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 75.124, 127.521 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, 114) }
```

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

```
.border{ border-color:rgb(181, 255, 114) }
```

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, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 255, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 255, 114);  
box-shadow:4px 4px 4px 4px rgb(181, 255,  
114) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 75.124, 127.521 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, 114) }
```

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

```
.background{ background-color: rgb(181,  
255, 114) }
```

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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