

Converting Colors

CIELCh(93, 75.223, 126.525)

Have a look what the booklet for
CIELCh(93, 75.223, 126.525)
contains.

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Color

CIELCh(93, 75.077, 126.649)

Conversions

Conversions Part 1

Format	Color
Hex	B7FF70
RGB	183, 255, 112
RGB Percent	72%, 100%, 44%
CMY	0.2813, 0.0000, 0.5598
CMYK	0.28, 0.00, 0.56, 0.00
HSL	90°, 100%, 72%
HSV	90°, 56%, 100%
XYZ	58.3762, 82.9670, 28.3403
YIQ	217.1700, 2.9910, -59.7370

Conversions

Conversions Part 2

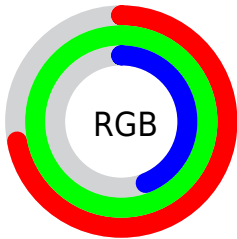
Format	Color
RYB	112, 255, 184
Decimal	12058480
CIELab	93.00, -44.81, 60.23
CIElCh	93, 75.077, 126.649
Yxy	82.9670, 0.3440, 0.4890
Android (android.graphics.Color)	4290248560 (0xFFB7FF70)
YUV	217.1700, -51.8488, -29.9671
Hunter-Lab	91.0862, -45.0021, 45.3131

Details

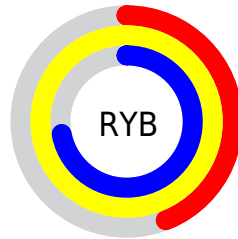
The CIELCh color **93, 75.077, 126.649** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **61, 81.531, 312.008**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 44.309, 113.359**, and **73, 75.041, 126.677** is the 20% darker color. If you saturate the color by 10%, you get **92, 86.287, 126.408**, and if you desaturate by 10%, it is **94, 62.472, 126.995**.

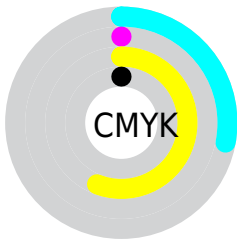
Distribution



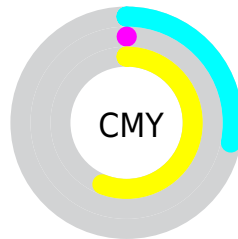
- Red (72%)
- Green (100%)
- Blue (44%)



- Red (44%)
- Yellow (100%)
- Blue (72%)



- Cyan (28%)
- Magenta (0%)
- Yellow (56%)
- Black (0%)




- Cyan (28%)
- Magenta (0%)
- Yellow (56%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 75.077, 126.649 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, 75.077, 126.649 by changing the saturation by 10% instead.


 93, 75.077,
126.649


 93, 75.077,
126.649


 100, 75.077,
126.649

 83, 75.077,
126.649

 73, 75.077,
126.649

 63, 75.077,
126.649

 53, 75.077,
126.649

 43, 75.077,
126.649

 33, 75.077,
126.649

 23, 75.077,

126.649

■ 13, 75.077,
126.649

■ 3, 75.077, 126.649

■ 93, 75.077,
126.649

■ 93, 75.077,
126.649

■ 92, 86.287,
126.408

■ 94, 62.472,
126.995

■ 91, 95.967,
126.482

■ 95, 49.315,
127.456

■ 91, 103.373,
126.971

■ 96, 35.762,
127.947

■ 90, 108.142,
127.967

■ 98, 22.016,
128.436

■ 90, 109.529,
128.451

■ 99, 8.219, 128.912
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, 75.077, 126.649



61, 81.531, 312.008

Rectangle

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



93, 75.077, 126.649



93, 75.077, 176.649



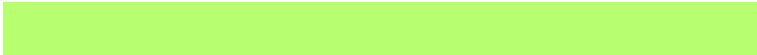
93, 75.077, 306.649



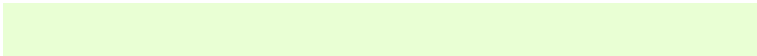
93, 75.077, 356.649

Sweetspot

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



93, 74.937, 126.618



97, 23.425, 128.387



80, 49.646, 68.302



52, 15.668, 128.289



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, 74.937, 126.618



92, 87.364, 126.400



90, 86.275, 139.615



53, 7.826, 128.745



69, 87.972, 128.167



23, 39.133, 126.619

Inverse Universe

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



61, 81.531, 312.008



54, 96.748, 312.445



70, 85.529, 327.313



49, 7.935, 309.575



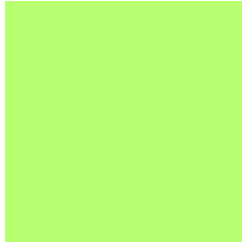
30, 100.478, 311.928



6, 44.898, 312.947

Previews

White Background



This preview shows how the CIE LCh color 93, 75.077, 126.649 looks on a white background.

Color Contrast Check

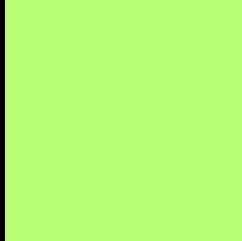
Large Text (above 18pt) WCAG AA × Fail

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, 75.077, 126.649 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

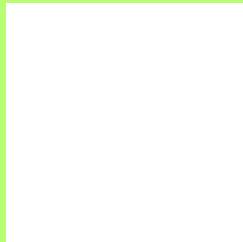
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 75.077, 126.649

Background



This preview shows how black text looks on a background with the CIELCh color 93, 75.077, 126.649.

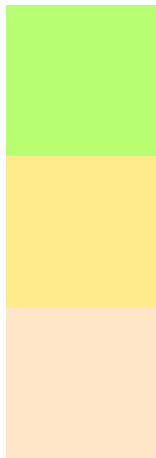


This preview shows how white text looks on a background with the CIELCh color 93, 75.077, 126.649.

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

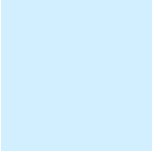
93, 75.077, 126.649

Protanopia

93, 48.330, 96.108

Deuteranopia

93, 17.726, 76.586

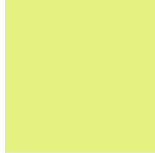


Tritanopia
93, 12.762, 239.437

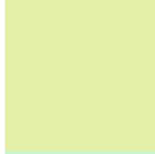
Trichromacy



Original Color
93, 75.077, 126.649



Protanomaly
92, 56.014, 111.101

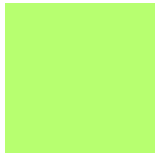


Deuteranomaly
92, 35.815, 113.549

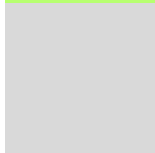


Tritanomaly
93, 27.135, 145.093

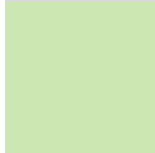
Monochromacy



Original Color
93, 75.077, 126.649



Achromatopsia
87, 0.010, 296.813



Achromatomaly
89, 28.603, 128.034

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 75.077, 126.649 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(183, 255, 112)` looks like.

```
.text, #text, p{  
    color:rgb(183, 255, 112)  
}
```

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(183, 255, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 255, 112) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 75.077, 126.649 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(183, 255, 112) }
```

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

```
.border{ border-color:rgb(183, 255, 112) }
```

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

Here you see how a box with a 4 pixel rgb(183, 255, 112) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 255, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 255, 112);  
box-shadow:4px 4px 4px 4px rgb(183, 255,  
112) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 75.077, 126.649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 255, 112) }
```

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

```
.background{ background-color: rgb(183,  
255, 112) }
```

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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