

Converting Colors

CIELCh(89, 57.520, 122.126)

Have a look what the booklet for
CIELCh(89, 57.520, 122.126)
contains.

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Color

CIELCh(89, 57.521, 122.102)

Conversions

Conversions Part 1

Format	Color
Hex	C4ED7F
RGB	196, 237, 127
RGB Percent	77%, 93%, 50%
CMY	0.2296, 0.0688, 0.5003
CMYK	0.17, 0.00, 0.46, 0.07
HSL	82°, 76%, 72%
HSV	82°, 46%, 93%
XYZ	57.1506, 74.1641, 31.5232
YIQ	212.2010, 10.8740, -42.9020

Conversions

Conversions Part 2

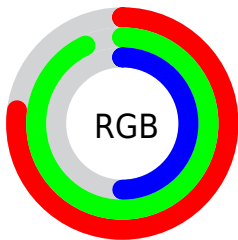
Format	Color
RYB	127, 237, 168
Decimal	12905855
CIELab	89.00, -30.57, 48.73
CIElCh	89, 57.521, 122.102
Yxy	74.1641, 0.3510, 0.4554
Android (android.graphics.Color)	4291095935 (0xFFC4ED7F)
YUV	212.2010, -42.0041, -14.2083
Hunter-Lab	86.1186, -32.2501, 38.5802

Details

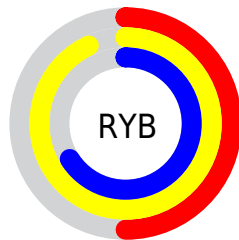
The CIELCh color **89, 57.521, 122.102** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **61, 62.958, 307.494**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 36.666, 107.985**, and **69, 57.415, 122.240** is the 20% darker color. If you saturate the color by 10%, you get **88, 68.808, 121.715**, and if you desaturate by 10%, it is **90, 45.569, 122.589**.

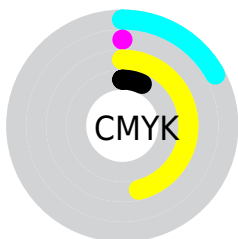
Distribution



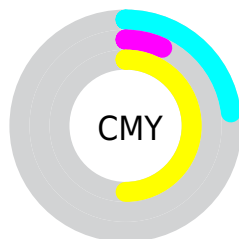
- Red (77%)
- Green (93%)
- Blue (50%)



- Red (50%)
- Yellow (93%)
- Blue (66%)



- Cyan (17%)
- Magenta (0%)
- Yellow (46%)
- Black (7%)





- Cyan (23%)
- Magenta (7%)
- Yellow (50%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 89, 57.521, 122.102 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 89, 57.521, 122.102 by changing the saturation by 10% instead.


 89, 57.521,
122.102


 89, 57.521,
122.102


 100, 57.521,
122.102


 79, 57.521,
122.102

 69, 57.521,
122.102

 59, 57.521,
122.102

 49, 57.521,
122.102

 39, 57.521,
122.102


 29, 57.521,
122.102


 19, 57.521,


122.102


 9, 57.521, 122.102


 0, 57.521, 122.102


 89, 57.521,
122.102

 89, 57.521,
122.102


 88, 68.808,
121.715


 90, 45.569,
122.589

 87, 79.033,
121.502

 91, 33.220,
123.119

 87, 87.675,
121.574

 92, 20.659,
123.659

 86, 94.175,
122.054

 93, 8.012, 124.192

 86, 98.210,

 94, 4.637, 304.665

123.029

95, 9.999, 315.646

86, 99.300,
123.454

96, 10.947,
324.794

Harmonies

Complementary

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



89, 57.521, 122.102



61, 62.958, 307.494

Rectangle

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



89, 57.521, 122.102



89, 57.521, 172.102



89, 57.521, 302.102



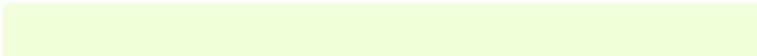
89, 57.521, 352.102

Sweetspot

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



89, 57.523, 122.104



98, 18.758, 123.781



75, 37.501, 55.900



52, 12.948, 123.665



0, 0.000, 0.000



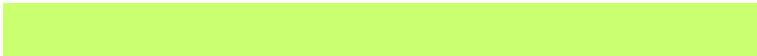
53, 0.007, 296.813

Same Dimension

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



89, 57.523, 122.104



94, 72.482, 121.719



86, 66.150, 137.785



50, 7.240, 124.025



68, 81.725, 123.193



21, 33.851, 122.128

Inverse Universe

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



61, 62.958, 307.494



59, 81.244, 308.235



67, 66.807, 322.862



46, 7.365, 304.999



26, 100.109, 309.402



4, 39.096, 308.106

Previews

White Background



This preview shows how the CIELCh color 89, 57.521, 122.102 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 89, 57.521, 122.102 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 89, 57.521, 122.102

Background



This preview shows how black text looks on a background with the CIELCh color 89, 57.521, 122.102.

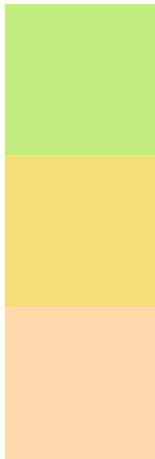


This preview shows how white text looks on a background with the CIELCh color 89, 57.521, 122.102.

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
89, 57.521, 122.102

Protanopia
89, 52.066, 95.736

Deuteranopia
89, 28.233, 74.902

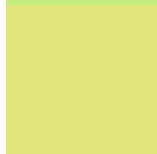


Tritanopia
89, 10.151, 267.160

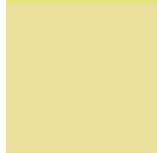
Trichromacy



Original Color
89, 57.521, 122.102



Protanomaly
89, 52.423, 106.258



Deuteranomaly
89, 35.693, 100.768

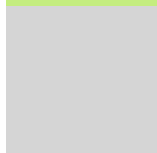


Tritanomaly
89, 17.314, 138.021

Monochromacy



Original Color
89, 57.521, 122.102



Achromatopsia
85, 0.010, 296.813



Achromatomaly
86, 21.576, 123.660

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 57.521, 122.102 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(196, 237, 127)` looks like.

```
.text, #text, p{  
    color:rgb(196, 237, 127)  
}
```

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(196, 237, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 237, 127) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 57.521, 122.102 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(196, 237, 127) }
```

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

```
.border{ border-color:rgb(196, 237, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 237, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 237, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 237, 127);  
box-shadow:4px 4px 4px 4px rgb(196, 237,  
127) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 57.521, 122.102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 237, 127) }
```

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

```
.background{ background-color: rgb(196,  
237, 127) }
```

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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