

Converting Colors

CIELCh(93, 80.226, 121.683)

Have a look what the booklet for
CIELCh(93, 80.226, 121.683)
contains.

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Color

CIELCh(93, 80.501, 121.786)

Conversions

Conversions Part 1

Format	Color
Hex	C1FE5D
RGB	193, 254, 93
RGB Percent	76%, 100%, 36%
CMY	0.2434, 0.0041, 0.6355
CMYK	0.24, 0.00, 0.63, 0.00
HSL	83°, 99%, 68%
HSV	83°, 63%, 100%
XYZ	59.3751, 82.9670, 23.2280
YIQ	217.4070, 15.3250, -63.0030

Conversions

Conversions Part 2

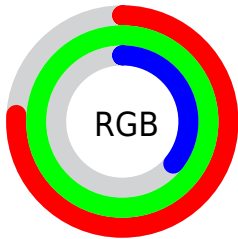
Format	Color
RYB	93, 254, 154
Decimal	12713565
CIELab	93.00, -42.40, 68.43
CIELCh	93, 80.501, 121.786
Yxy	82.9670, 0.3586, 0.5011
Android (android.graphics.Color)	4290903645 (0xFFC1FE5D)
YUV	217.4070, -61.3327, -21.4049
Hunter-Lab	91.0862, -43.0446, 48.6408

Details

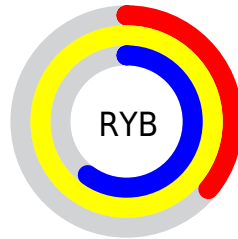
The CIELCh color **93, 80.501, 121.786** is a light color, and the websafe version is hex **CCFF66**. The color can be described as light muted yellow. A complement of this color would be **54, 91.771, 308.922**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 52.597, 107.453**, and **73, 80.585, 121.828** is the 20% darker color. If you saturate the color by 10%, you get **92, 90.161, 121.774**, and if you desaturate by 10%, it is **94, 69.327, 122.056**.

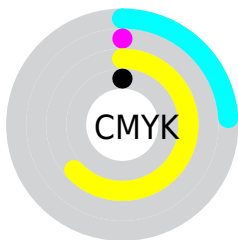
Distribution



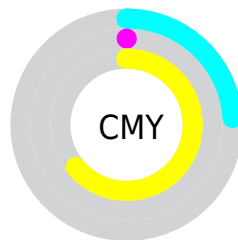
- Red (76%)
- Green (100%)
- Blue (36%)



- Red (36%)
- Yellow (100%)
- Blue (60%)



- Cyan (24%)
- Magenta (0%)
- Yellow (63%)
- Black (0%)




- Cyan (24%)
- Magenta (0%)
- Yellow (64%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 80.501, 121.786 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, 80.501, 121.786 by changing the saturation by 10% instead.


 93, 80.501,
121.786


 93, 80.501,
121.786


 100, 80.501,
121.786


 83, 80.501,
121.786


 73, 80.501,
121.786

 63, 80.501,
121.786

 53, 80.501,
121.786

 43, 80.501,
121.786

 33, 80.501,
121.786

 23, 80.501,

121.786

■ 13, 80.501,
121.786

■ 3, 80.501, 121.786

■ 93, 80.501,
121.786

■ 93, 80.501,
121.786

■ 92, 90.161,
121.774

■ 94, 69.327,
122.056

■ 92, 97.703,
122.140

■ 95, 57.157,
122.477

■ 91, 102.674,
122.991

■ 96, 44.372,
122.978

■ 91, 104.745,
123.780

■ 97, 31.233,
123.511

■ 98, 17.913,
124.048

■ 99, 4.533, 124.581

100, 0.662,
323.997

Harmonies

Complementary

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



93, 80.501, 121.786



54, 91.771, 308.922

Rectangle

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



93, 80.501, 121.786



93, 80.501, 171.786



93, 80.501, 301.786



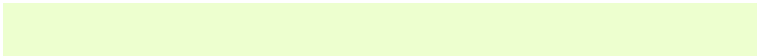
93, 80.501, 351.786

Sweetspot

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



93, 80.502, 121.787



98, 25.474, 123.748



72, 57.335, 54.751



52, 17.521, 123.594



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, 80.502, 121.787



92, 92.654, 121.828



90, 92.276, 136.414



53, 7.626, 124.255



70, 84.449, 123.505



24, 37.755, 121.977

Inverse Universe

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



54, 91.771, 308.922



47, 108.923, 309.592



64, 92.813, 323.378



49, 7.757, 305.226



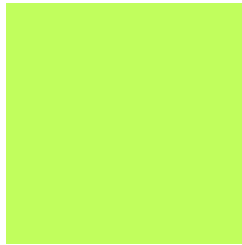
27, 103.108, 309.476



5, 44.874, 309.647

Previews

White Background



This preview shows how the CIELCh color 93, 80.501, 121.786 looks on a white background.

Color Contrast Check

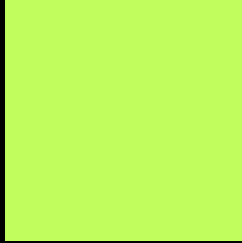
Large Text (above 18pt) WCAG AA × Fail

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, 80.501, 121.786 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, 80.501, 121.786

Background



This preview shows how black text looks on a background with the CIELCh color 93, 80.501, 121.786.

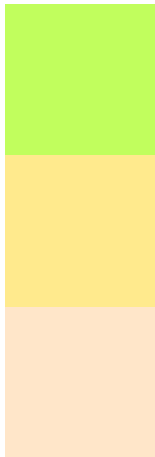


This preview shows how white text looks on a background with the CIELCh color 93, 80.501, 121.786.

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](#).

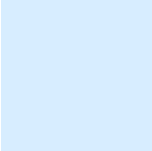
Dichromacy



Original Color
93, 80.501, 121.786

Protanopia
93, 47.853, 96.055

Deuteranopia
93, 17.726, 76.586

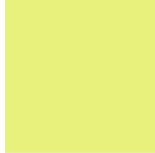


Tritanopia
93, 11.704, 251.923

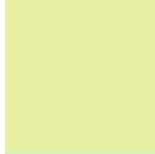
Trichromacy



Original Color
93, 80.501, 121.786



Protanomaly
92, 58.194, 109.137



Deuteranomaly
92, 39.156, 111.066

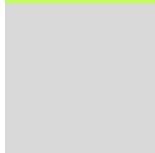


Tritanomaly
92, 27.580, 136.859

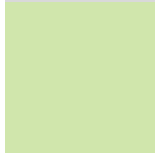
Monochromacy



Original Color
93, 80.501, 121.786



Achromatopsia
87, 0.010, 296.813



Achromatomaly
88, 31.048, 123.436

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 80.501, 121.786 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(193, 254, 93)` looks like.

```
.text, #text, p{  
    color:rgb(193, 254, 93)  
}
```

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(193, 254, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 254, 93) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 80.501, 121.786 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(193, 254, 93) }
```

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

```
.border{ border-color:rgb(193, 254, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 254, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 254, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 254, 93);  
box-shadow:4px 4px 4px 4px rgb(193, 254,  
93) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 80.501, 121.786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 254, 93) }
```

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

```
.background{ background-color: rgb(193,  
254, 93) }
```

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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