

Converting Colors

CIELCh(100, 96.501, 124.397)

Have a look what the booklet for
CIELCh(100, 96.501, 124.397)
contains.

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Color

CIELCh(93, 85.105, 121.379)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | BFFF52 |
| RGB | 191, 255, 82 |
| RGB Percent | 75%, 100%, 32% |
| CMY | 0.2522, 0.0012, 0.6796 |
| CMYK | 0.25, 0.00, 0.68, 0.00 |
| HSL | 82°, 100%, 66% |
| HSV | 82°, 68%, 100% |
| XYZ | 58.5826, 82.9670, 20.8476 |
| YIQ | 216.1420, 17.3890, -67.3710 |

Conversions

Conversions Part 2

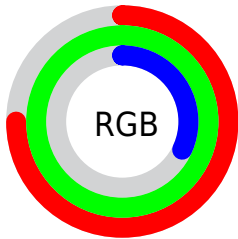
| Format | Color |
|-------------------------------------|---------------------------------|
| R_{YB} | 82, 255, 146 |
| Decimal | 12582738 |
| CIE _{Lab} | 93.00, -44.31, 72.66 |
| CIE _{LCh} | 93, 85.105, 121.379 |
| Yxy | 82.9670, 0.3607, 0.5109 |
| Android (android.graphics.Color) | 4290772818 (0xFFBFFF52) |
| YUV | 216.1420, -66.1320, -22.0495 |
| Hunter-Lab | 91.0862, -44.5976, 50.1902 |

Details

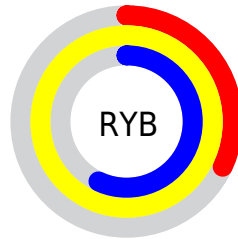
The CIELCh color **93, 85.105, 121.379** is a light color, and the websafe version is hex **CCFF66**. The color can be described as light muted chartreuse. A complement of this color would be **51, 98.384, 308.978**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 56.795, 107.447**, and **73, 85.077, 121.346** is the 20% darker color. If you saturate the color by 10%, you get **92, 93.863, 121.518**, and if you desaturate by 10%, it is **94, 74.554, 121.552**.

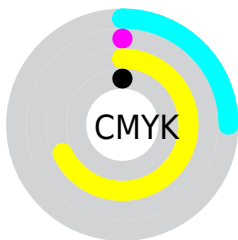
Distribution



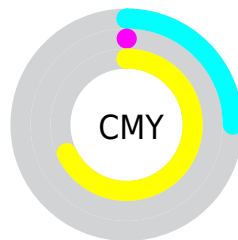
- Red (75%)
- Green (100%)
- Blue (32%)



- Red (32%)
- Yellow (100%)
- Blue (57%)



- Cyan (25%)
- Magenta (0%)
- Yellow (68%)
- Black (0%)





- Cyan (25%)
- Magenta (0%)
- Yellow (68%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 93, 85.105, 121.379 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, 85.105, 121.379 by changing the saturation by 10% instead.


 93, 85.105,
121.379


 93, 85.105,
121.379


 100, 85.105,
121.379


 83, 85.105,
121.379

 73, 85.105,
121.379

 63, 85.105,
121.379

 53, 85.105,
121.379

 43, 85.105,
121.379

 33, 85.105,
121.379

 23, 85.105,

121.379

■ 13, 85.105,
121.379

■ 3, 85.105, 121.379

■ 93, 85.105,
121.379

■ 93, 85.105,
121.379

■ 92, 93.863,
121.518

■ 94, 74.554,
121.552

■ 92, 100.248,
122.088

■ 95, 62.784,
121.919

■ 91, 104.048,
123.151

■ 96, 50.240,
122.395

■ 91, 104.667,
123.398

■ 97, 37.232,
122.923

■ 98, 23.971,
123.467

■ 99, 10.599,
124.005

100, 0.195,
322.862

Harmonies

Complementary

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



93, 85.105, 121.379



51, 98.384, 308.978

Rectangle

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



93, 85.105, 121.379



93, 85.105, 171.379



93, 85.105, 301.379



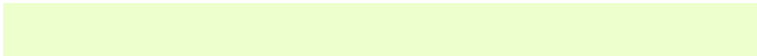
93, 85.105, 351.379

Sweetspot

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



93, 85.106, 121.380



98, 26.762, 123.354



71, 62.366, 54.457



52, 18.245, 123.201



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, 85.106, 121.380



92, 96.867, 121.692



89, 97.670, 136.091



53, 7.613, 123.921



70, 84.201, 123.122



24, 37.661, 121.606

Inverse Universe

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



51, 98.384, 308.978



43, 115.816, 309.566



62, 98.016, 323.455



49, 7.746, 304.906



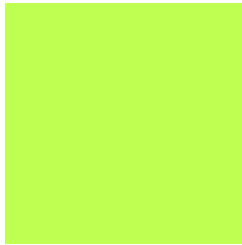
27, 103.288, 309.328



5, 44.863, 309.420

Previews

White Background



This preview shows how the CIELCh color 93, 85.105, 121.379 looks on a white background.

Color Contrast Check

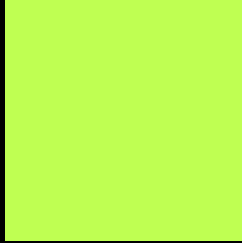
Large Text (above 18pt) WCAG AA × Fail

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, 85.105, 121.379 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, 85.105, 121.379

Background



This preview shows how black text looks on a background with the CIELCh color 93, 85.105, 121.379.

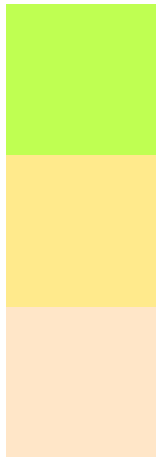


This preview shows how white text looks on a background with the CIELCh color 93, 85.105, 121.379.

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, 85.105, 121.379

Protanopia

93, 48.330, 96.108

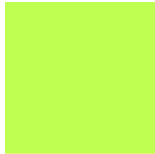
Deuteranopia

93, 18.171, 77.378

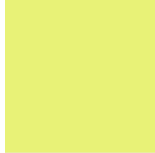


Tritanopia
93, 11.729, 247.698

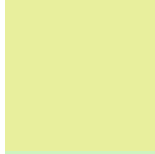
Trichromacy



Original Color
93, 85.105, 121.379



Protanomaly
93, 60.898, 109.172



Deuteranomaly
92, 41.611, 110.650

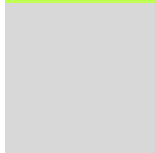


Tritanomaly
92, 30.175, 135.697

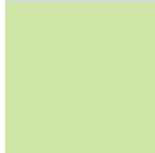
Monochromacy



Original Color
93, 85.105, 121.379



Achromatopsia
86, 0.010, 296.813



Achromatomaly
88, 33.598, 122.771

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 85.105, 121.379 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(191, 255, 82)` looks like.

```
.text, #text, p{  
    color:rgb(191, 255, 82)  
}
```

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(191, 255, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 255, 82) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 85.105, 121.379 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(191, 255, 82) }
```

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

```
.border{ border-color:rgb(191, 255, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 255, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 255, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 255, 82);  
box-shadow:4px 4px 4px 4px rgb(191, 255,  
82) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 85.105, 121.379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 255, 82) }
```

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

```
.background{ background-color: rgb(191,  
255, 82) }
```

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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