

Converting Colors

CIELCh(93, 85.301, 121.828)

Have a look what the booklet for
CIELCh(93, 85.301, 121.828)
contains.

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Color

CIELCh(93, 85.356, 121.847)

Conversions

Conversions Part 1

Format	Color
Hex	BDFF52
RGB	189, 255, 82
RGB Percent	74%, 100%, 32%
CMY	0.2587, 0.0000, 0.6783
CMYK	0.26, 0.00, 0.68, 0.00
HSL	83°, 100%, 66%
HSV	83°, 68%, 100%
XYZ	58.2839, 82.9670, 20.9298
YIQ	215.5440, 16.1970, -67.7950

Conversions

Conversions Part 2

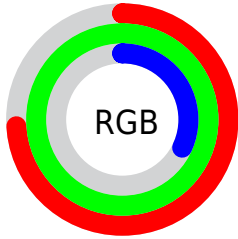
Format	Color
R _Y B	82, 255, 148
Decimal	12451666
CIE Lab	93.00, -45.04, 72.51
CIE LCh	93, 85.356, 121.847
Yxy	82.9670, 0.3594, 0.5116
Android (android.graphics.Color)	4290641746 (0xFFBDF52)
YUV	215.5440, -65.8372, -23.2791
Hunter-Lab	91.0862, -45.1829, 50.1367

Details

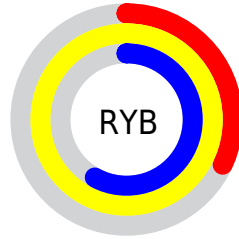
The CIELCh color **93, 85.356, 121.847** is a light color, and the websafe version is hex **CCFF66**. The color can be described as light muted chartreuse. A complement of this color would be **51, 98.295, 309.260**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 56.824, 108.251**, and **73, 85.353, 121.812** is the 20% darker color. If you saturate the color by 10%, you get **92, 94.173, 121.985**, and if you desaturate by 10%, it is **94, 74.725, 122.012**.

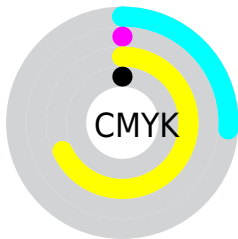
Distribution



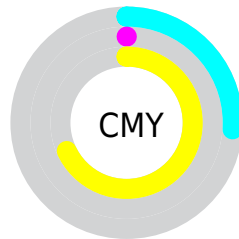
- Red (74%)
- Green (100%)
- Blue (32%)



- Red (32%)
- Yellow (100%)
- Blue (58%)



- Cyan (26%)
- Magenta (0%)
- Yellow (68%)
- Black (0%)




- Cyan (26%)
- Magenta (0%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 85.356, 121.847 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, 85.356, 121.847 by changing the saturation by 10% instead.


 93, 85.356,
121.847


 93, 85.356,
121.847

 100, 85.356,
121.847


 83, 85.356,
121.847

 73, 85.356,
121.847

 63, 85.356,
121.847

 53, 85.356,
121.847

 43, 85.356,
121.847

 33, 85.356,
121.847

 23, 85.356,

121.847

■ 13, 85.356,
121.847

■ 3, 85.356, 121.847

■ 93, 85.356,
121.847

■ 93, 85.356,
121.847

■ 92, 94.173,
121.985

■ 94, 74.725,
122.012

■ 92, 100.635,
122.560

■ 95, 62.893,
122.375

■ 91, 104.507,
123.631

■ 96, 50.292,
122.847

■ 91, 105.165,
123.891

■ 97, 37.233,
123.369

■ 98, 23.923,
123.906

■ 99, 10.506,
124.437

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, 85.356, 121.847



51, 98.295, 309.260

Rectangle

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



93, 85.356, 121.847



93, 85.356, 171.847



93, 85.356, 301.847



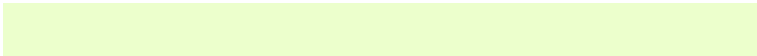
93, 85.356, 351.847

Sweetspot

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



93, 85.343, 121.844



97, 26.823, 123.790



71, 62.325, 54.463



52, 18.287, 123.639



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, 85.343, 121.844



92, 96.499, 122.115



89, 97.659, 136.097



53, 7.629, 124.348



70, 84.519, 123.612



24, 37.781, 122.081

Inverse Universe

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



51, 98.295, 309.260



44, 114.594, 309.789



62, 98.009, 323.454



49, 7.761, 305.316



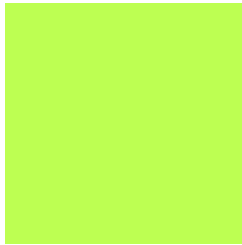
27, 103.056, 309.518



5, 44.877, 309.712

Previews

White Background



This preview shows how the CIE LCh color 93, 85.356, 121.847 looks on a white background.

Color Contrast Check

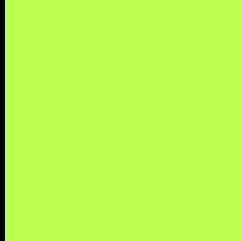
Large Text (above 18pt) WCAG AA × Fail

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, 85.356, 121.847 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

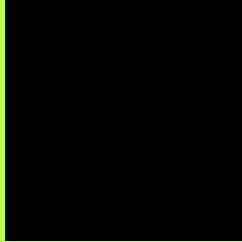
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 93, 85.356, 121.847

Background



This preview shows how black text looks on a background with the CIELCh color 93, 85.356, 121.847.

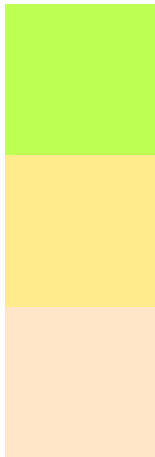


This preview shows how white text looks on a background with the CIELCh color 93, 85.356, 121.847.

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, 85.356, 121.847

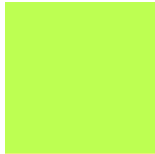
Protanopia
93, 48.330, 96.108

Deuteranopia
93, 18.171, 77.378

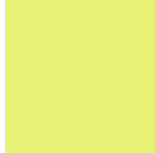


Tritanopia
93, 11.945, 246.526

Trichromacy



Original Color
93, 85.356, 121.847



Protanomaly
92, 60.929, 109.551

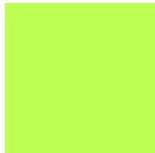


Deuteranomaly
92, 41.641, 111.188

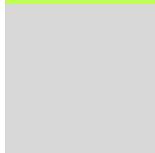


Tritanomaly
92, 30.531, 136.846

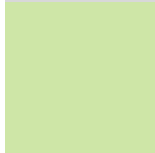
Monochromacy



Original Color
93, 85.356, 121.847



Achromatopsia
86, 0.010, 296.813



Achromatomaly
88, 33.708, 123.383

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 85.356, 121.847 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(189, 255, 82)` looks like.

```
.text, #text, p{  
    color:rgb(189, 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(189, 255, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 255, 82) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 85.356, 121.847 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(189, 255, 82) }
```

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

```
.border{ border-color:rgb(189, 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(189, 255, 82) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 255, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 255, 82);  
box-shadow:4px 4px 4px 4px rgb(189, 255,  
82) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 85.356, 121.847 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 255, 82) }
```

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

```
.background{ background-color: rgb(189,  
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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