

Converting Colors

CIELCh(92, 93.020, 120.637)

Have a look what the booklet for
CIELCh(92, 93.020, 120.637)
contains.

CIELCh(92, 93.082, 120.627)	3
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Color

CIELCh(92, 93.082, 120.627)

Conversions

Conversions Part 1

Format	Color
Hex	B8FD37
RGB	184, 253, 55
RGB Percent	72%, 99%, 22%
CMY	0.2785, 0.0079, 0.7844
CMYK	0.27, 0.00, 0.78, 0.01
HSL	81°, 98%, 60%
HSV	81°, 78%, 99%
XYZ	55.5724, 80.7044, 16.2605
YIQ	209.7970, 22.4340, -76.2060

Conversions

Conversions Part 2

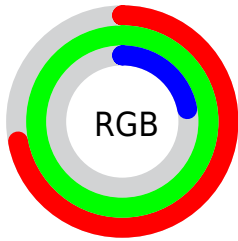
Format	Color
RYB	55, 253, 124
Decimal	12123447
CIELab	92.00, -47.42, 80.10
CIELCh	92, 93.082, 120.627
Yxy	80.7044, 0.3643, 0.5291
Android (android.graphics.Color)	4290313527 (0xFFB8FD37)
YUV	209.7970, -76.3149, -22.6240
Hunter-Lab	89.8356, -46.7921, 52.1533

Details

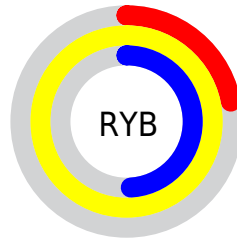
The CIELCh color **92, 93.082, 120.627** is a light color, and the websafe version is hex **CCFF33**. The color can be described as light washed chartreuse. A complement of this color would be **44, 111.263, 309.009**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 66.753, 108.909**, and **72, 85.555, 122.812** is the 20% darker color. If you saturate the color by 10%, you get **91, 99.262, 121.192**, and if you desaturate by 10%, it is **93, 84.524, 120.494**.

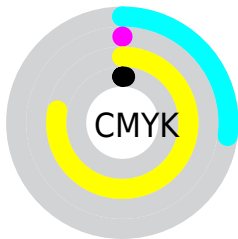
Distribution



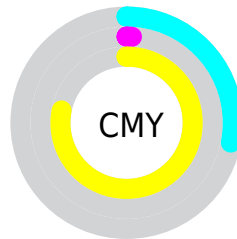
- Red (72%)
- Green (99%)
- Blue (22%)



- Red (22%)
- Yellow (99%)
- Blue (49%)



- Cyan (27%)
- Magenta (0%)
- Yellow (78%)
- Black (1%)



- Cyan (28%)
- Magenta (1%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 93.082, 120.627 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 92, 93.082, 120.627 by changing the saturation by 10% instead.

■ 92, 93.082,
120.627

■ 92, 93.082,
120.627

■ 100, 93.082,
120.627

■ 82, 93.082,
120.627

■ 72, 93.082,
120.627

■ 62, 93.082,
120.627

■ 52, 93.082,
120.627

■ 42, 93.082,
120.627

■ 32, 93.082,
120.627

■ 22, 93.082,

120.627

■ 12, 93.082,
120.627

■ 2, 93.082, 120.627

■ 92, 93.082,
120.627

■ 92, 93.082,
120.627

■ 91, 99.262,
121.192

■ 93, 84.524,
120.494

■ 91, 102.886,
122.240

■ 93, 74.157,
120.670

■ 91, 103.387,
122.441

■ 94, 62.557,
121.044

■ 95, 50.171,
121.529

■ 96, 37.313,
122.070

■ 97, 24.192,
122.627

■ 98, 10.952,
123.181

■ 99, 1.169, 317.476

■ 100, 1.257,
324.240

Harmonies

Complementary

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



92, 93.082, 120.627



44, 111.263, 309.009

Rectangle

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



92, 93.082, 120.627



92, 93.082, 170.627



92, 93.082, 300.627



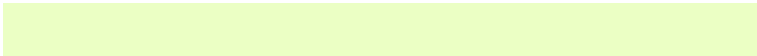
92, 93.082, 350.627

Sweetspot

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



92, 93.082, 120.628



97, 30.624, 122.362



66, 74.034, 51.125



52, 21.167, 122.161



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



92, 93.082, 120.628



92, 102.239, 121.746



88, 106.386, 134.973



53, 7.584, 123.112



71, 83.613, 122.177



24, 37.441, 120.696

Inverse Universe

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



44, 111.263, 309.009



38, 126.043, 309.071



57, 106.884, 322.420



49, 7.721, 304.132



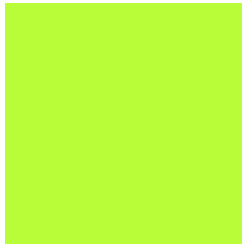
27, 103.714, 308.989



5, 44.834, 308.881

Previews

White Background



This preview shows how the CIELCh color 92, 93.082, 120.627 looks on a white background.

Color Contrast Check

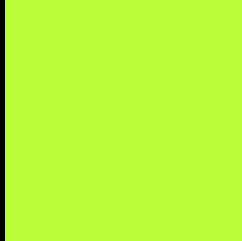
Large Text (above 18pt) WCAG AA × Fail

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 92, 93.082, 120.627 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

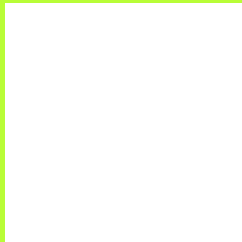
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 93.082, 120.627

Background



This preview shows how black text looks on a background with the CIELCh color 92, 93.082, 120.627.

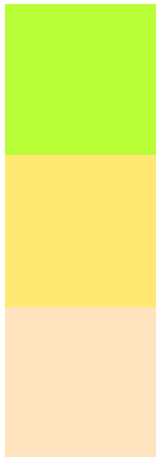


This preview shows how white text looks on a background with the CIELCh color 92, 93.082, 120.627.

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
92, 93.082, 120.627

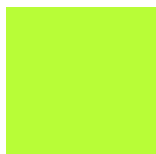
Protanopia
92, 59.766, 95.688

Deuteranopia
92, 21.994, 79.181

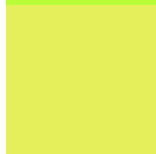


Tritanopia
92, 13.197, 244.053

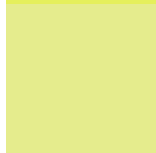
Trichromacy



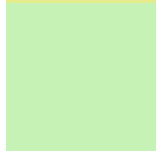
Original Color
92, 93.082, 120.627



Protanomaly
91, 71.116, 107.824



Deuteranomaly
91, 47.997, 109.643

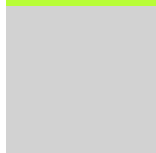


Tritanomaly
91, 34.729, 135.081

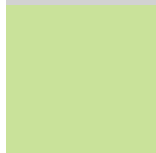
Monochromacy



Original Color
92, 93.082, 120.627



Achromatopsia
84, 0.010, 296.813



Achromatomaly
87, 38.299, 121.832

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 93.082, 120.627 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(184, 253, 55)` looks like.

```
.text, #text, p{  
    color:rgb(184, 253, 55)  
}
```

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(184, 253, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 253, 55) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 93.082, 120.627 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(184, 253, 55) }
```

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

```
.border{ border-color:rgb(184, 253, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 253, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 253, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 253, 55);  
box-shadow:4px 4px 4px 4px rgb(184, 253,  
55) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 93.082, 120.627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 253, 55) }
```

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

```
.background{ background-color: rgb(184,  
253, 55) }
```

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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