

Converting Colors

CIELCh(92, 100.442, 120.980)

Have a look what the booklet for
CIELCh(92, 100.442, 120.980)
contains.

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Color

CIELCh(92, 100.491, 120.948)

Conversions

Conversions Part 1

Format	Color
Hex	B1FF18
RGB	177, 255, 24
RGB Percent	69%, 100%, 9%
CMY	0.3071, 0.0012, 0.9045
CMYK	0.31, 0.00, 0.90, 0.00
HSL	80°, 100%, 55%
HSV	80°, 90%, 100%
XYZ	53.8917, 80.7044, 13.6195
YIQ	205.3440, 27.6630, -88.3770

Conversions

Conversions Part 2

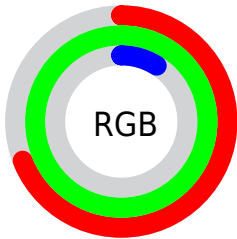
Format	Color
R _Y B	24, 255, 102
Decimal	11665176
CIE Lab	92.00, -51.68, 86.18
CIE LCh	92, 100.491, 120.948
Yxy	80.7044, 0.3636, 0.5445
Android (android.graphics.Color)	4289855256 (0xFFB1FF18)
YUV	205.3440, -89.4026, -24.8577
Hunter-Lab	89.8356, -50.1316, 53.8963

Details

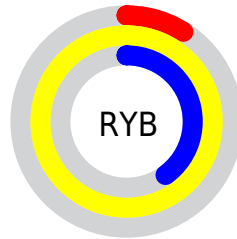
The CIELCh color **92, 100.491, 120.948** is a light color, and the websafe version is hex **99FF00**. The color can be described as light washed chartreuse. A complement of this color would be **39, 123.819, 308.998**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 74.393, 109.869**, and **72, 87.563, 124.792** is the 20% darker color. If you saturate the color by 10%, you get **92, 103.586, 121.999**, and if you desaturate by 10%, it is **93, 94.900, 120.290**.

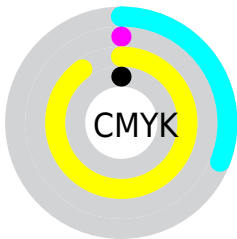
Distribution



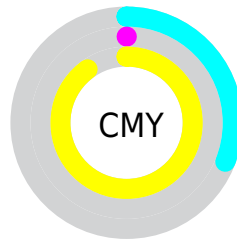
- Red (69%)
- Green (100%)
- Blue (9%)



- Red (9%)
- Yellow (100%)
- Blue (40%)



- Cyan (31%)
- Magenta (0%)
- Yellow (90%)
- Black (0%)





- Cyan (31%)
- Magenta (0%)
- Yellow (90%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 92, 100.491, 120.948 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, 100.491, 120.948 by changing the saturation by 10% instead.


 92, 100.491,
120.948


 92, 100.491,
120.948

 100, 100.491,
120.948


 82, 100.491,
120.948

 72, 100.491,
120.948

 62, 100.491,
120.948

 52, 100.491,
120.948

 42, 100.491,
120.948

 32, 100.491,
120.948

 22, 100.491,

120.948

■ 12, 100.491,
120.948

■ 2, 100.491,
120.948

■ 92, 100.491,
120.948

■ 92, 100.491,
120.948

■ 92, 103.586,
121.999

■ 93, 94.900,
120.290

■ 93, 86.817,
120.080

■ 94, 76.776,
120.205

■ 95, 65.375,
120.550

■ 95, 53.096,
121.023

■ 96, 40.280,
121.562

■ 97, 27.159,
122.125

■ 99, 13.888,
122.688

100, 0.572,
123.355

Harmonies

Complementary

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



92, 100.491, 120.948



39, 123.819, 308.998

Rectangle

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



92, 100.491, 120.948



92, 100.491, 170.948



92, 100.491, 300.948



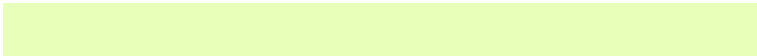
92, 100.491, 350.948

Sweetspot

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



92, 100.491, 120.949



97, 35.827, 121.754



62, 86.485, 50.065



51, 24.098, 121.563



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, 100.491, 120.949



92, 103.678, 121.999



88, 114.990, 134.888



53, 7.571, 122.740



71, 83.349, 121.732



24, 37.343, 120.270

Inverse Universe

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



39, 123.819, 308.998



36, 129.275, 308.674



55, 114.575, 322.173



49, 7.709, 303.776



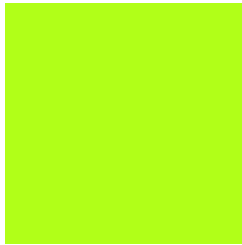
26, 103.904, 308.841



5, 44.819, 308.638

Previews

White Background



This preview shows how the CIE LCh color 92, 100.491, 120.948 looks on a white background.

Color Contrast Check

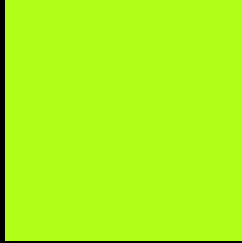
Large Text (above 18pt) WCAG AA × Fail

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, 100.491, 120.948 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, 100.491, 120.948

Background



This preview shows how black text looks on a background with the CIELCh color 92, 100.491, 120.948.

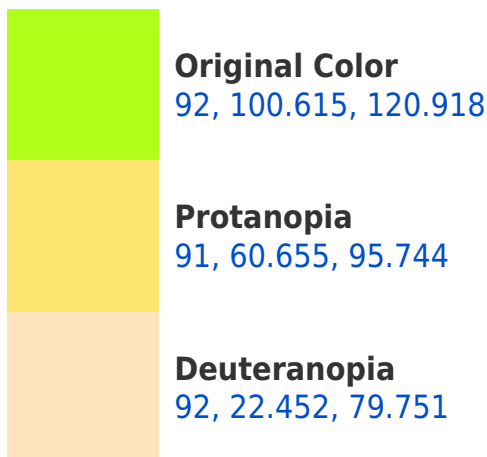


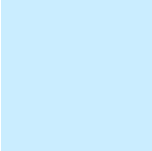
This preview shows how white text looks on a background with the CIELCh color 92, 100.491, 120.948.

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](#).

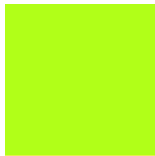
Dichromacy



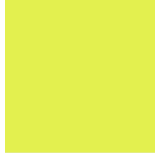


Tritanopia
92, 14.589, 238.707

Trichromacy



Original Color
92, 100.615, 120.918



Protanomaly
91, 76.509, 108.141



Deuteranomaly
91, 54.197, 110.086

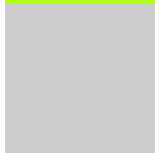


Tritanomaly
91, 41.341, 134.138

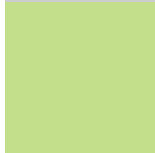
Monochromacy



Original Color
92, 100.615, 120.918



Achromatopsia
82, 0.010, 296.813



Achromatomaly
85, 44.482, 120.968

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 100.491, 120.948 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(177, 255, 24)` looks like.

```
.text, #text, p{  
    color:rgb(177, 255, 24)  
}
```

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(177, 255, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 255, 24) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 100.491, 120.948 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(177, 255, 24) }
```

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

```
.border{ border-color:rgb(177, 255, 24) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 255, 24)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 255, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 255, 24);  
box-shadow:4px 4px 4px 4px rgb(177, 255,  
24) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 100.491, 120.948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 255, 24) }
```

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

```
.background{ background-color: rgb(177,  
255, 24) }
```

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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