

Converting Colors

CIELCh(92, 99.817, 120.164)

Have a look what the booklet for
CIELCh(92, 99.817, 120.164)
contains.

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Color

CIELCh(92, 99.828, 120.195)

Conversions

Conversions Part 1

Format	Color
Hex	B4FE18
RGB	180, 254, 24
RGB Percent	71%, 100%, 9%
CMY	0.2938, 0.0036, 0.9052
CMYK	0.29, 0.00, 0.90, 0.00
HSL	79°, 99%, 55%
HSV	79°, 90%, 100%
XYZ	54.4682, 80.7044, 13.5792
YIQ	205.6540, 29.7260, -87.2180

Conversions

Conversions Part 2

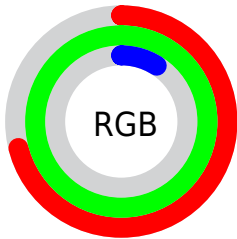
Format	Color
R _Y B	24, 254, 98
Decimal	11861528
CIE Lab	92.00, -50.21, 86.28
CIE LCh	92, 99.828, 120.195
Yxy	80.7044, 0.3662, 0.5425
Android (android.graphics.Color)	4290051608 (0xFFB4FE18)
YUV	205.6540, -89.5554, -22.4986
Hunter-Lab	89.8356, -48.9860, 53.9229

Details

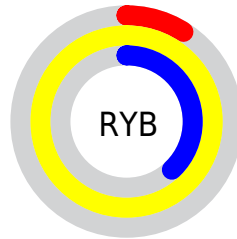
The CIELCh color **92, 99.828, 120.195** is a light color, and the websafe version is hex **CCFF00**. The color can be described as light washed chartreuse. A complement of this color would be **39, 123.954, 308.717**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 74.281, 108.937**, and **72, 86.700, 124.040** is the 20% darker color. If you saturate the color by 10%, you get **92, 102.827, 121.214**, and if you desaturate by 10%, it is **93, 94.330, 119.558**.

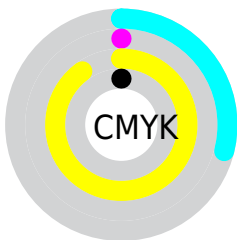
Distribution



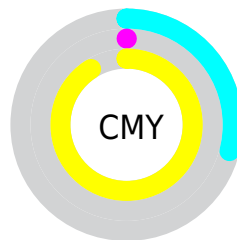
- Red (71%)
- Green (100%)
- Blue (9%)



- Red (9%)
- Yellow (100%)
- Blue (38%)



- Cyan (29%)
- Magenta (0%)
- Yellow (90%)
- Black (0%)



- Cyan (29%)
- Magenta (0%)
- Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 99.828, 120.195 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, 99.828, 120.195 by changing the saturation by 10% instead.

■ 92, 99.828,
120.195

■ 92, 99.828,
120.195

■ 100, 99.828,
120.195

■ 82, 99.828,
120.195

■ 72, 99.828,
120.195

■ 62, 99.828,
120.195

■ 52, 99.828,
120.195

■ 42, 99.828,
120.195

■ 32, 99.828,
120.195

■ 22, 99.828,

120.195

■ 12, 99.828,
120.195

■ 2, 99.828, 120.195

■ 92, 99.828,
120.195

■ 92, 99.828,
120.195

■ 92, 102.827,
121.214

■ 93, 94.330,
119.558

■ 93, 86.339,
119.364

■ 94, 76.386,
119.502

■ 95, 65.069,
119.857

95, 52.871,
120.342

96, 40.132,
120.892

97, 27.085,
121.468

98, 13.883,
122.044

100, 0.632,
122.702

Harmonies

Complementary

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



92, 99.828, 120.195



39, 123.954, 308.717

Rectangle

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



92, 99.828, 120.195



92, 99.828, 170.195



92, 99.828, 300.195



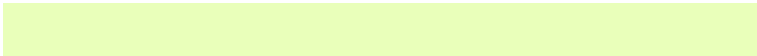
92, 99.828, 350.195

Sweetspot

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



92, 99.828, 120.197



97, 35.715, 121.091



61, 87.094, 49.041



51, 24.022, 120.896



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, 99.828, 120.197



92, 103.114, 121.217



88, 114.461, 134.667



53, 7.550, 122.100



71, 82.906, 120.956



24, 37.179, 119.529

Inverse Universe

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



39, 123.954, 308.717



36, 129.668, 308.438



54, 114.564, 321.600



49, 7.691, 303.167



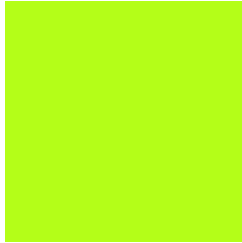
26, 104.223, 308.599



5, 44.792, 308.229

Previews

White Background



This preview shows how the CIE LCh color 92, 99.828, 120.195 looks on a white background.

Color Contrast Check

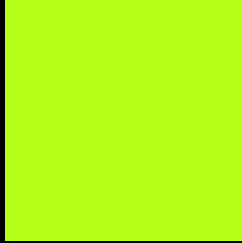
Large Text (above 18pt) WCAG AA × Fail

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, 99.828, 120.195 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, 99.828, 120.195

Background



This preview shows how black text looks on a background with the CIELCh color 92, 99.828, 120.195.

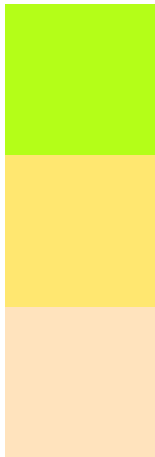


This preview shows how white text looks on a background with the CIELCh color 92, 99.828, 120.195.

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, 99.828, 120.195

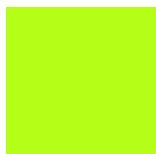
Protanopia
91, 60.212, 95.717

Deuteranopia
92, 22.452, 79.751

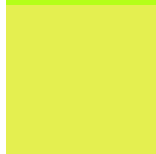


Tritanopia
92, 14.209, 242.919

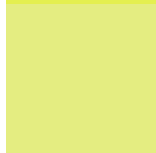
Trichromacy



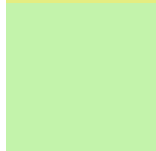
Original Color
92, 99.828, 120.195



Protanomaly
91, 75.715, 107.595

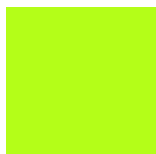


Deuteranomaly
91, 54.166, 109.662

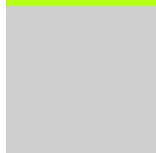


Tritanomaly
91, 41.001, 133.275

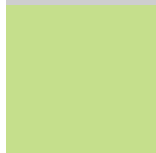
Monochromacy



Original Color
92, 99.828, 120.195



Achromatopsia
83, 0.010, 296.813



Achromatomaly
85, 43.799, 120.181

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 99.828, 120.195 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(180, 254, 24)` looks like.

```
.text, #text, p{  
    color:rgb(180, 254, 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(180, 254, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 254, 24) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 99.828, 120.195 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(180, 254, 24) }
```

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

```
.border{ border-color:rgb(180, 254, 24) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 254, 24)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 254, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 254, 24);  
box-shadow:4px 4px 4px 4px rgb(180, 254,  
24) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 99.828, 120.195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 254, 24) }
```

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

```
.background{ background-color: rgb(180,  
254, 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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