

Converting Colors

CIELCh(92, 101.894, 120.165)

Have a look what the booklet for
CIELCh(92, 101.894, 120.165)
contains.

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Color

CIELCh(92, 101.798, 120.186)

Conversions

Conversions Part 1

Format	Color
Hex	B2FE06
RGB	178, 254, 6
RGB Percent	70%, 100%, 2%
CMY	0.3001, 0.0021, 0.9771
CMYK	0.30, 0.00, 0.98, 0.00
HSL	78°, 100%, 51%
HSV	78°, 98%, 100%
XYZ	54.0847, 80.7044, 12.8937
YIQ	203.0040, 34.3120, -93.2400

Conversions

Conversions Part 2

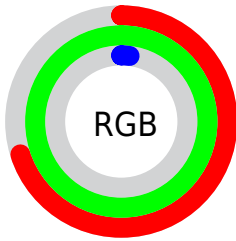
Format	Color
RYB	6, 254, 82
Decimal	11730438
CIELab	92.00, -51.18, 87.99
CIElCh	92, 101.798, 120.186
Yxy	80.7044, 0.3662, 0.5465
Android (android.graphics.Color)	4289920518 (0xFFB2FE06)
YUV	203.0040, -97.1230, -21.9285
Hunter-Lab	89.8356, -49.7480, 54.3753

Details

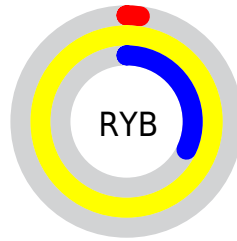
The CIELCh color **92, 101.798, 120.186** is a dark color, and the websafe version is hex **99FF00**. The color can be described as middle saturated chartreuse. A complement of this color would be **36, 128.680, 308.286**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 76.296, 109.297**, and **72, 86.994, 124.459** is the 20% darker color. If you saturate the color by 10%, you get **92, 102.415, 120.439**, and if you desaturate by 10%, it is **92, 98.244, 119.231**.

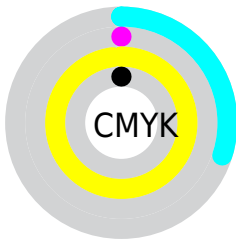
Distribution



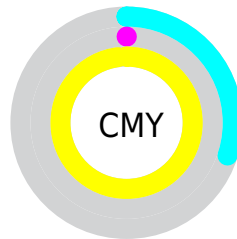
- Red (70%)
- Green (100%)
- Blue (2%)



- Red (2%)
- Yellow (100%)
- Blue (32%)



- Cyan (30%)
- Magenta (0%)
- Yellow (98%)
- Black (0%)



- Cyan (30%)
- Magenta (0%)
- Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 101.798, 120.186 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, 101.798, 120.186 by changing the saturation by 10% instead.

■ 92, 101.798,
120.186

■ 92, 101.798,
120.186

■ 100, 101.798,
120.186

■ 82, 101.798,
120.186

■ 72, 101.798,
120.186

■ 62, 101.798,
120.186

■ 52, 101.798,
120.186

■ 42, 101.798,
120.186

■ 32, 101.798,
120.186

■ 22, 101.798,

120.186

■ 12, 101.798,
120.186

■ 2, 101.798,
120.186

■ 92, 101.798,
120.186

■ 92, 101.798,
120.186

■ 92, 102.415,
120.439

■ 92, 98.244,
119.231

■ 93, 92.078,
118.748

■ 94, 83.532,
118.676

■ 94, 73.188,
118.899

■ 95, 61.622,
119.311

■ 96, 49.277,
119.831

■ 97, 36.463,
120.405

■ 98, 23.386,
120.996

■ 99, 10.183,
121.584

Harmonies

Complementary

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



92, 101.798, 120.186



36, 128.680, 308.286

Rectangle

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



92, 101.798, 120.186



92, 101.798, 170.186



92, 101.798, 300.186



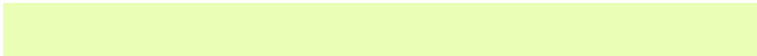
92, 101.798, 350.186

Sweetspot

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



92, 101.798, 120.188



97, 38.210, 120.329



59, 93.471, 47.070



51, 26.147, 120.081



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, 101.798, 120.188



92, 102.581, 120.441



88, 116.989, 134.740



53, 7.530, 121.478



71, 82.488, 120.186



24, 37.026, 118.799

Inverse Universe

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



36, 128.680, 308.286



36, 130.035, 308.223



52, 117.090, 320.687



49, 7.674, 302.575



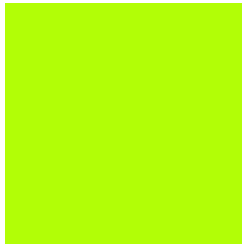
26, 104.521, 308.379



5, 44.764, 307.841

Previews

White Background



This preview shows how the CIE LCh color 92, 101.798, 120.186 looks on a white background.

Color Contrast Check

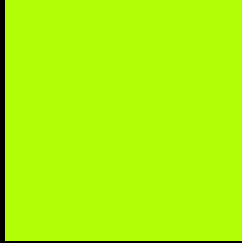
Large Text (above 18pt) WCAG AA × Fail

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, 101.798, 120.186 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, 101.798, 120.186

Background



This preview shows how black text looks on a background with the CIELCh color 92, 101.798, 120.186.

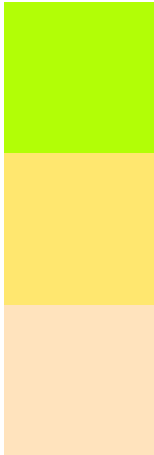


This preview shows how white text looks on a background with the CIELCh color 92, 101.798, 120.186.

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, 101.664, 120.217

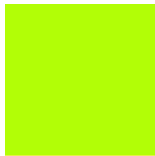
Protanopia
91, 60.655, 95.744

Deuteranopia
92, 22.452, 79.751



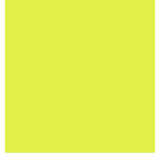
Tritanopia
92, 14.437, 242.043

Trichromacy



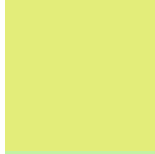
Original Color

92, 101.664, 120.217



Protanomaly

91, 78.611, 107.880



Deuteranomaly

91, 57.421, 109.607



Tritanomaly

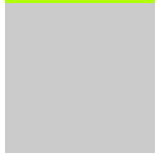
91, 44.343, 131.641

Monochromacy



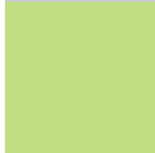
Original Color

92, 101.664, 120.217



Achromatopsia

82, 0.010, 296.813



Achromatomaly

85, 47.839, 119.751

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 101.798, 120.186 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(178, 254, 6)` looks like.

```
.text, #text, p{  
    color:rgb(178, 254, 6)  
}
```

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(178, 254, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 254, 6) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 101.798, 120.186 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(178, 254, 6) }
```

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

```
.border{ border-color:rgb(178, 254, 6) }
```

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

Here you see how a box with a 4 pixel rgb(178, 254, 6) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 254, 6); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 254, 6);  
box-shadow:4px 4px 4px 4px rgb(178, 254,  
6) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 101.798, 120.186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 254, 6) }
```

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

```
.background{ background-color: rgb(178,  
254, 6) }
```

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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