

Converting Colors

CIELCh(92, 102.273, 120.697)

Have a look what the booklet for
CIELCh(92, 102.273, 120.697)
contains.

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Color

CIELCh(92, 102.315, 120.735)

Conversions

Conversions Part 1

Format	Color
Hex	B0FF06
RGB	176, 255, 6
RGB Percent	69%, 100%, 2%
CMY	0.3101, 0.0003, 0.9775
CMYK	0.31, 0.00, 0.98, 0.00
HSL	79°, 100%, 51%
HSV	79°, 98%, 100%
XYZ	53.6532, 80.7044, 12.9134
YIQ	202.9930, 32.8450, -94.1870

Conversions

Conversions Part 2

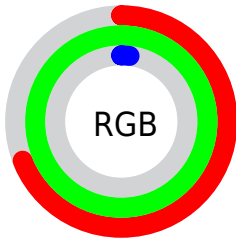
Format	Color
RYB	6, 255, 85
Decimal	11599622
CIELab	92.00, -52.29, 87.94
CIElCh	92, 102.315, 120.735
Yxy	80.7044, 0.3643, 0.5480
Android (android.graphics.Color)	4289789702 (0xFFB0FF06)
YUV	202.9930, -97.1175, -23.6729
Hunter-Lab	89.8356, -50.6055, 54.3623

Details

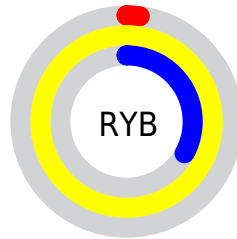
The CIELCh color **92, 102.315, 120.735** is a dark color, and the websafe version is hex **99FF00**. The color can be described as middle saturated chartreuse. A complement of this color would be **36, 128.633, 308.441**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 76.377, 109.902**, and **72, 87.711, 124.994** is the 20% darker color. If you saturate the color by 10%, you get **92, 102.932, 120.988**, and if you desaturate by 10%, it is **92, 98.716, 119.756**.

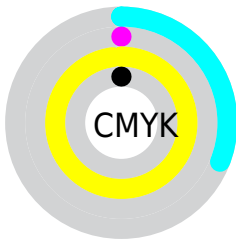
Distribution



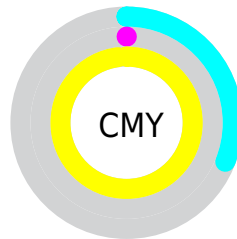
- Red (69%)
- Green (100%)
- Blue (2%)



- Red (2%)
- Yellow (100%)
- Blue (33%)



- Cyan (31%)
- Magenta (0%)
- Yellow (98%)
- Black (0%)





- Cyan (31%)
- Magenta (0%)
- Yellow (98%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 92, 102.315, 120.735 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, 102.315, 120.735 by changing the saturation by 10% instead.


 92, 102.315,
120.735


 92, 102.315,
120.735


 100, 102.315,
120.735


 82, 102.315,
120.735

 72, 102.315,
120.735

 62, 102.315,
120.735

 52, 102.315,
120.735

 42, 102.315,
120.735

 32, 102.315,
120.735

 22, 102.315,

120.735

■ 12, 102.315,
120.735

■ 2, 102.315,
120.735

■ 92, 102.315,
120.735

■ 92, 102.315,
120.735

■ 92, 102.932,
120.988

■ 92, 98.716,
119.756

■ 93, 92.506,
119.254

■ 94, 83.915,
119.167

■ 94, 73.524,
119.379

■ 95, 61.908,
119.781

■ 96, 49.514,
120.292

■ 97, 36.651,
120.857

■ 98, 23.526,
121.438

■ 99, 10.277,
122.016

Harmonies

Complementary

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



92, 102.315, 120.735



36, 128.633, 308.441

Rectangle

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



92, 102.315, 120.735



92, 102.315, 170.735



92, 102.315, 300.735



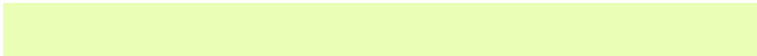
92, 102.315, 350.735

Sweetspot

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



92, 102.315, 120.736



97, 38.288, 120.784



60, 92.802, 47.904



51, 26.202, 120.541



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, 102.315, 120.736



92, 102.954, 120.988



88, 117.466, 134.935



53, 7.544, 121.916



71, 82.780, 120.729



24, 37.133, 119.314

Inverse Universe

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



36, 128.633, 308.441



36, 129.779, 308.372



53, 116.998, 321.274



49, 7.686, 302.991



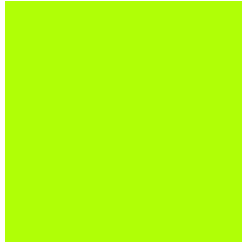
26, 104.312, 308.532



5, 44.784, 308.113

Previews

White Background



This preview shows how the CIE LCh color 92, 102.315, 120.735 looks on a white background.

Color Contrast Check

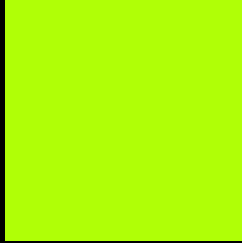
Large Text (above 18pt) WCAG AA × Fail

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, 102.315, 120.735 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, 102.315, 120.735

Background



This preview shows how black text looks on a background with the CIELCh color 92, 102.315, 120.735.

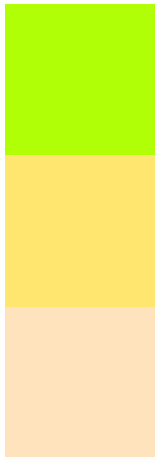


This preview shows how white text looks on a background with the CIELCh color 92, 102.315, 120.735.

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

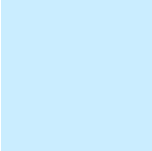
92, 102.315, 120.735

Protanopia

91, 60.655, 95.744

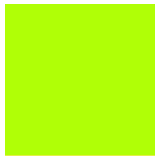
Deuteranopia

92, 22.452, 79.751

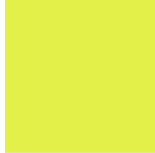


Tritanopia
92, 14.589, 238.707

Trichromacy



Original Color
92, 102.315, 120.735



Protanomaly
91, 78.644, 108.180

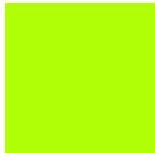


Deuteranomaly
91, 57.453, 110.009

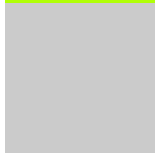


Tritanomaly
91, 45.089, 132.183

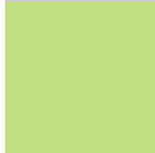
Monochromacy



Original Color
92, 102.315, 120.735



Achromatopsia
82, 0.010, 296.813



Achromatomaly
85, 47.940, 120.201

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 102.315, 120.735 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(176, 255, 6)` looks like.

```
.text, #text, p{  
    color:rgb(176, 255, 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(176, 255, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 255, 6) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 102.315, 120.735 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(176, 255, 6) }
```

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

```
.border{ border-color:rgb(176, 255, 6) }
```

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

Here you see how a box with a 4 pixel rgb(176, 255, 6) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 255, 6); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 255, 6);  
box-shadow:4px 4px 4px 4px rgb(176, 255,  
6) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 102.315, 120.735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 255, 6) }
```

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

```
.background{ background-color: rgb(176,  
255, 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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