

Converting Colors

CIELCh(92, 100.228, 120.676)

Have a look what the booklet for
CIELCh(92, 100.228, 120.676)
contains.

CIELCh(92, 100.080, 120.589)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	25
<i>CSS Examples</i>	28

Color

CIELCh(92, 100.080, 120.589)

Conversions

Conversions Part 1

Format	Color
Hex	B2FE19
RGB	178, 254, 25
RGB Percent	70%, 100%, 10%
CMY	0.3004, 0.0024, 0.9025
CMYK	0.30, 0.00, 0.90, 0.00
HSL	80°, 99%, 55%
HSV	80°, 90%, 100%
XYZ	54.1853, 80.7044, 13.6325
YIQ	205.1700, 28.2130, -87.3310

Conversions

Conversions Part 2

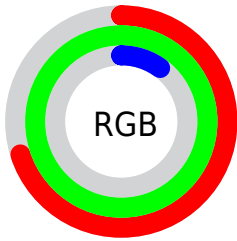
Format	Color
RYB	25, 254, 101
Decimal	11730457
CIELab	92.00, -50.93, 86.15
CIELCh	92, 100.080, 120.589
Yxy	80.7044, 0.3648, 0.5434
Android (android.graphics.Color)	4289920537 (0xFFB2FE19)
YUV	205.1700, -88.8238, -23.8281
Hunter-Lab	89.8356, -49.5482, 53.8878

Details

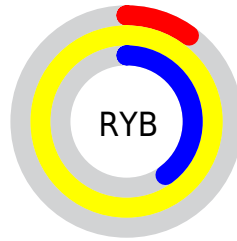
The CIELCh color **92, 100.080, 120.589** is a light color, and the websafe version is hex **99FF00**. The color can be described as light washed chartreuse. A complement of this color would be **39, 123.695, 308.872**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 73.958, 109.613**, and **72, 86.994, 124.459** is the 20% darker color. If you saturate the color by 10%, you get **92, 103.230, 121.647**, and if you desaturate by 10%, it is **93, 94.470, 119.951**.

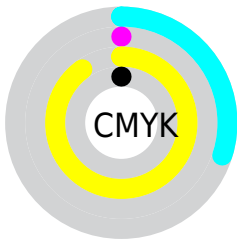
Distribution



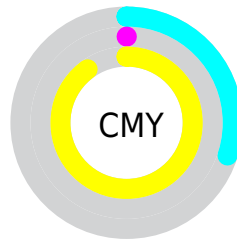
- Red (70%)
- Green (100%)
- Blue (10%)



- Red (10%)
- Yellow (100%)
- Blue (40%)



- Cyan (30%)
- Magenta (0%)
- Yellow (90%)
- Black (0%)





- Cyan (30%)
- Magenta (0%)
- Yellow (90%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 92, 100.080, 120.589 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, 100.080, 120.589 by changing the saturation by 10% instead.


 92, 100.080,
120.589


 92, 100.080,
120.589


 100, 100.080,
120.589


 82, 100.080,
120.589


 72, 100.080,
120.589

 62, 100.080,
120.589

 52, 100.080,
120.589

 42, 100.080,
120.589

 32, 100.080,
120.589

 22, 100.080,

120.589

■ 12, 100.080,
120.589

■ 2, 100.080,
120.589

■ 92, 100.080,
120.589

■ 92, 100.080,
120.589

■ 92, 103.230,
121.647

■ 93, 94.470,
119.951

■ 93, 86.376,
119.757

■ 94, 76.338,
119.894

■ 95, 64.951,
120.248

■ 95, 52.694,
120.728

■ 96, 39.905,
121.273

■ 97, 26.814,
121.842

■ 99, 13.574,
122.411

100, 0.289,
123.200

Harmonies

Complementary

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



92, 100.080, 120.589



39, 123.695, 308.872

Rectangle

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



92, 100.080, 120.589



92, 100.080, 170.589



92, 100.080, 300.589



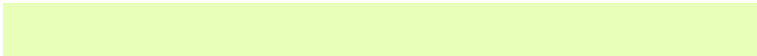
92, 100.080, 350.589

Sweetspot

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



92, 100.080, 120.590



97, 35.776, 121.455



62, 86.953, 49.071



51, 24.063, 121.262



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, 100.080, 120.590



92, 103.422, 121.649



88, 114.446, 134.661



53, 7.561, 122.451



71, 83.147, 121.384



24, 37.268, 119.937

Inverse Universe

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



39, 123.695, 308.872



36, 129.454, 308.565



54, 114.568, 321.609



49, 7.701, 303.501



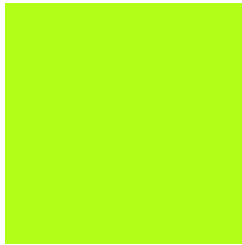
26, 104.049, 308.730



5, 44.807, 308.452

Previews

White Background



This preview shows how the CIELCh color 92, 100.080, 120.589 looks on a white background.

Color Contrast Check

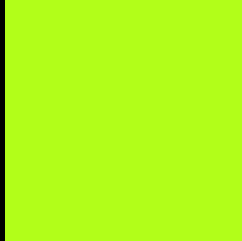
Large Text (above 18pt) WCAG AA × Fail

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, 100.080, 120.589 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, 100.080, 120.589

Background



This preview shows how black text looks on a background with the CIELCh color 92, 100.080, 120.589.

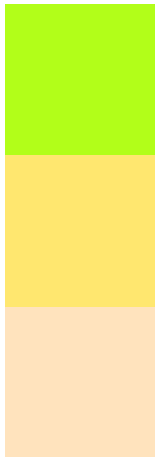


This preview shows how white text looks on a background with the CIELCh color 92, 100.080,

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, 99.955, 120.619

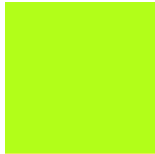
Protanopia
91, 60.655, 95.744

Deuteranopia
92, 22.452, 79.751

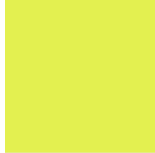


Tritanopia
92, 14.437, 242.043

Trichromacy



Original Color
92, 99.955, 120.619



Protanomaly
91, 76.148, 108.187

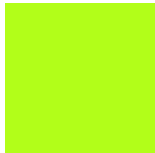


Deuteranomaly
91, 54.197, 110.086

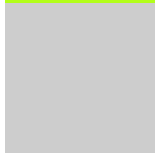


Tritanomaly
91, 41.170, 133.709

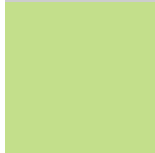
Monochromacy



Original Color
92, 99.955, 120.619



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, 100.080, 120.589 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, 25)` looks like.

```
.text, #text, p{  
    color:rgb(178, 254, 25)  
}
```

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, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 254, 25) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 100.080, 120.589 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, 25) }
```

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

```
.border{ border-color:rgb(178, 254, 25) }
```

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, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 254, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 254, 25);  
box-shadow:4px 4px 4px 4px rgb(178, 254,  
25) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 100.080, 120.589 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, 25) }
```

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

```
.background{ background-color: rgb(178,  
254, 25) }
```

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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