

Converting Colors

CIELCh(92, 99.501, 121.706)

Have a look what the booklet for
CIELCh(92, 99.501, 121.706)
contains.

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Color

CIELCh(92, 99.448, 121.651)

Conversions

Conversions Part 1

Format	Color
Hex	AFFF22
RGB	175, 255, 34
RGB Percent	69%, 100%, 13%
CMY	0.3140, 0.0002, 0.8670
CMYK	0.31, 0.00, 0.87, 0.00
HSL	82°, 100%, 57%
HSV	82°, 87%, 100%
XYZ	53.6942, 80.7044, 14.2534
YIQ	205.8860, 23.2610, -85.6910

Conversions

Conversions Part 2

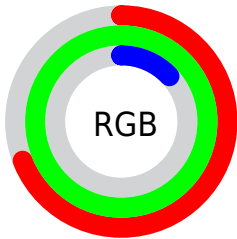
Format	Color
R_{YB}	34, 255, 114
Decimal	11534114
CIE _{Lab}	92.00, -52.18, 84.66
CIE _{LCh}	92, 99.448, 121.651
Yxy	80.7044, 0.3612, 0.5429
Android (android.graphics.Color)	4289724194 (0xFFAFF2)
YUV	205.8860, -84.7398, -27.0870
Hunter-Lab	89.8356, -50.5241, 53.4779

Details

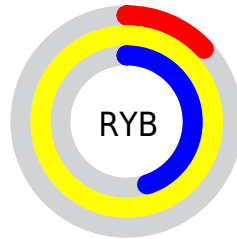
The CIELCh color **92, 99.448, 121.651** is a light color, and the websafe version is hex **99FF00**. The color can be described as light washed chartreuse. A complement of this color would be **41, 120.441, 309.447**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 72.484, 110.785**, and **72, 87.859, 125.194** is the 20% darker color. If you saturate the color by 10%, you get **91, 103.492, 122.655**, and if you desaturate by 10%, it is **93, 92.777, 121.148**.

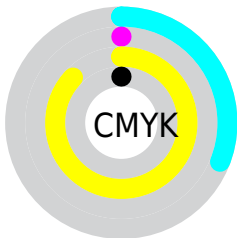
Distribution



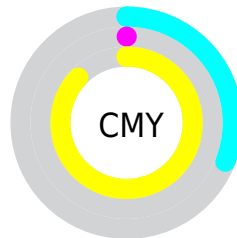
- Red (69%)
- Green (100%)
- Blue (13%)



- Red (13%)
- Yellow (100%)
- Blue (45%)



- Cyan (31%)
- Magenta (0%)
- Yellow (87%)
- Black (0%)





- Cyan (31%)
- Magenta (0%)
- Yellow (87%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 92, 99.448, 121.651 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, 99.448, 121.651 by changing the saturation by 10% instead.


 92, 99.448,
121.651


 92, 99.448,
121.651


 100, 99.448,
121.651


 82, 99.448,
121.651

 72, 99.448,
121.651

 62, 99.448,
121.651

 52, 99.448,
121.651

 42, 99.448,
121.651

 32, 99.448,
121.651

 22, 99.448,

121.651

■ 12, 99.448,
121.651

■ 2, 99.448, 121.651

■ 92, 99.448,
121.651

■ 92, 99.448,
121.651

■ 91, 103.492,
122.655

■ 93, 92.777,
121.148

■ 91, 104.464,
123.048

■ 93, 83.791,
121.060

■ 94, 73.083,
121.265

■ 95, 61.216,
121.653

■ 96, 48.617,
122.143

■ 97, 35.584,
122.680

■ 98, 22.316,
123.229

■ 99, 8.949, 123.771

100, 0.044,
317.319

Harmonies

Complementary

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



92, 99.448, 121.651



41, 120.441, 309.447

Rectangle

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



92, 99.448, 121.651



92, 99.448, 171.651



92, 99.448, 301.651



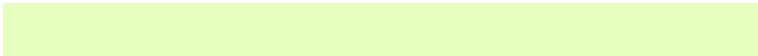
92, 99.448, 351.651

Sweetspot

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



92, 99.448, 121.652



97, 34.672, 122.718



64, 82.495, 51.629



51, 23.466, 122.529



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, 99.448, 121.652



91, 104.481, 123.048



88, 113.429, 135.079



53, 7.602, 123.620



71, 83.980, 122.774



24, 37.578, 121.270

Inverse Universe

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



41, 120.441, 309.447



37, 128.709, 309.025



56, 112.836, 322.849



49, 7.737, 304.617



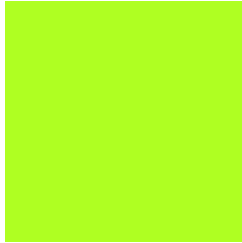
27, 103.449, 309.199



5, 44.853, 309.217

Previews

White Background



This preview shows how the CIE LCh color 92, 99.448, 121.651 looks on a white background.

Color Contrast Check

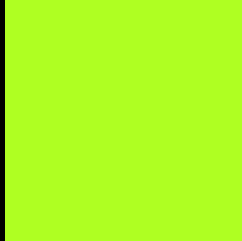
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 92, 99.448, 121.651 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, 99.448, 121.651

Background



This preview shows how black text looks on a background with the CIELCh color 92, 99.448, 121.651.

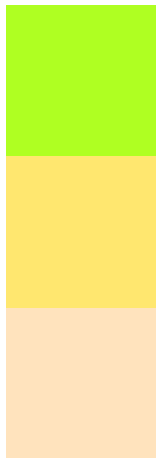


This preview shows how white text looks on a background with the CIELCh color 92, 99.448, 121.651.

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

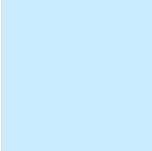
92, 99.448, 121.651

Protanopia

91, 60.655, 95.744

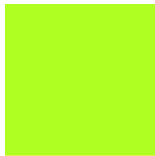
Deuteranopia

92, 22.452, 79.751

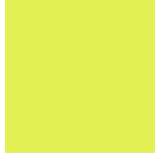


Tritanopia
92, 14.830, 237.923

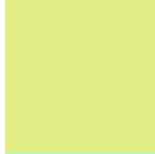
Trichromacy



Original Color
92, 99.448, 121.651



Protanomaly
91, 75.080, 108.641



Deuteranomaly
91, 52.363, 110.812

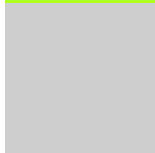


Tritanomaly
91, 40.315, 135.989

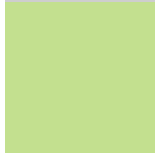
Monochromacy



Original Color
92, 99.448, 121.651



Achromatopsia
83, 0.010, 296.813



Achromatomaly
85, 43.125, 122.029

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 99.448, 121.651 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(175, 255, 34)` looks like.

```
.text, #text, p{  
    color:rgb(175, 255, 34)  
}
```

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(175, 255, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 255, 34) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 99.448, 121.651 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(175, 255, 34) }
```

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

```
.border{ border-color:rgb(175, 255, 34) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 255, 34)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 255, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 255, 34);  
box-shadow:4px 4px 4px 4px rgb(175, 255,  
34) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 99.448, 121.651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 255, 34) }
```

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

```
.background{ background-color: rgb(175,  
255, 34) }
```

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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