

Converting Colors

CIELCh(92, 103.111, 121.335)

Have a look what the booklet for
CIELCh(92, 103.111, 121.335)
contains.

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Color

CIELCh(92, 102.903, 121.250)

Conversions

Conversions Part 1

Format	Color
Hex	ADFF05
RGB	173, 255, 5
RGB Percent	68%, 100%, 2%
CMY	0.3200, 0.0000, 0.9821
CMYK	0.32, 0.00, 0.98, 0.00
HSL	80°, 100%, 51%
HSV	80°, 98%, 100%
XYZ	53.2284, 80.7044, 12.9019
YIQ	201.9820, 31.3780, -95.1340

Conversions

Conversions Part 2

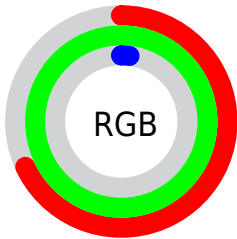
Format	Color
R _Y B	5, 255, 87
Decimal	11403013
CIE Lab	92.00, -53.38, 87.97
CIE LCh	92, 102.903, 121.250
Yxy	80.7044, 0.3625, 0.5496
Android (android.graphics.Color)	4289593093 (0xFFADFF05)
YUV	201.9820, -97.1121, -25.4172
Hunter-Lab	89.8356, -51.4495, 54.3699

Details

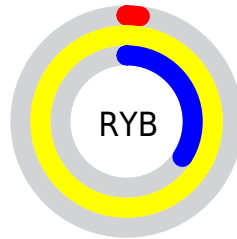
The CIELCh color **92, 102.903, 121.250** is a dark color, and the websafe version is hex **99FF00**. The color can be described as middle saturated chartreuse. A complement of this color would be **37, 128.690, 308.549**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 76.515, 110.804**, and **72, 88.305, 125.782** is the 20% darker color. If you saturate the color by 10%, you get **92, 103.245, 121.403**, and if you desaturate by 10%, it is **92, 99.204, 120.188**.

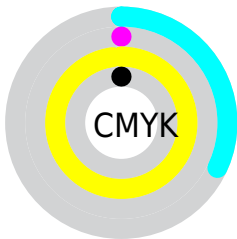
Distribution



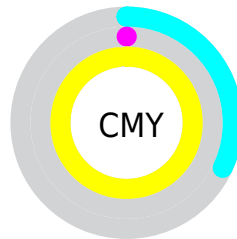
- Red (68%)
- Green (100%)
- Blue (2%)



- Red (2%)
- Yellow (100%)
- Blue (34%)



- Cyan (32%)
- Magenta (0%)
- Yellow (98%)
- Black (0%)



- Cyan (32%)
- Magenta (0%)
- Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 102.903, 121.250 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, 102.903, 121.250 by changing the saturation by 10% instead.

■ 92, 102.903,
121.250

■ 92, 102.903,
121.250

■ 100, 102.903,
121.250

■ 82, 102.903,
121.250

■ 72, 102.903,
121.250

■ 62, 102.903,
121.250

■ 52, 102.903,
121.250

■ 42, 102.903,
121.250

■ 32, 102.903,
121.250

■ 22, 102.903,

121.250

■ 12, 102.903,
121.250

■ 2, 102.903,
121.250

■ 92, 102.903,
121.250

■ 92, 102.903,
121.250

■ 92, 103.245,
121.403

■ 92, 99.204,
120.188

■ 93, 93.077,
119.652

■ 94, 84.549,
119.539

■ 94, 74.193,
119.732

■ 95, 62.592,
120.121

■ 96, 50.197,
120.622

■ 97, 37.322,
121.179

■ 98, 24.179,
121.753

■ 99, 10.910,
122.324

Harmonies

Complementary

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



92, 102.903, 121.250



37, 128.690, 308.549

Rectangle

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



92, 102.903, 121.250



92, 102.903, 171.250



92, 102.903, 301.250



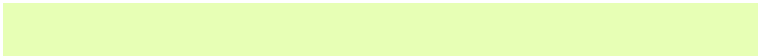
92, 102.903, 351.250

Sweetspot

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



92, 102.747, 121.201



97, 38.350, 121.134



60, 93.142, 47.830



51, 26.245, 120.893



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, 102.747, 121.201



92, 103.245, 121.403



88, 117.630, 134.952



53, 7.555, 122.251



71, 83.009, 121.141



24, 37.217, 119.705

Inverse Universe

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



37, 128.690, 308.549



36, 129.576, 308.492



53, 117.130, 321.251



49, 7.695, 303.310



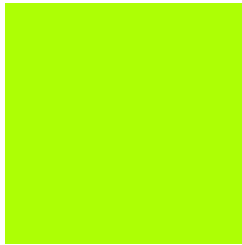
26, 104.149, 308.655



5, 44.798, 308.324

Previews

White Background



This preview shows how the CIE LCh color 92, 102.903, 121.250 looks on a white background.

Color Contrast Check

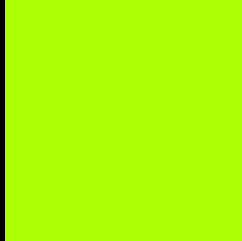
Large Text (above 18pt) WCAG AA × Fail

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, 102.903, 121.250 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, 102.903, 121.250

Background



This preview shows how black text looks on a background with the CIELCh color 92, 102.903, 121.250.

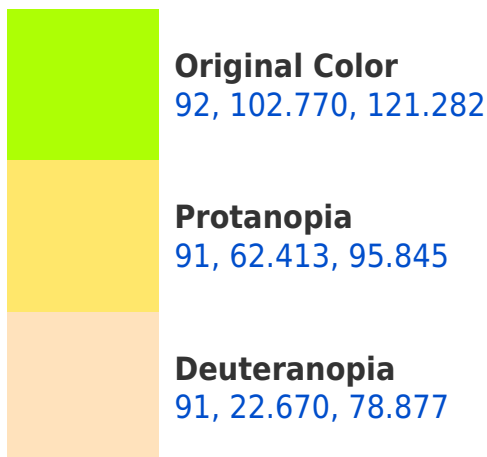


This preview shows how white text looks on a background with the CIELCh color 92, 102.903, 121.250.

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](#).

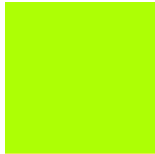
Dichromacy





Tritanopia
92, 15.073, 237.166

Trichromacy



Original Color
92, 102.770, 121.282



Protanomaly
91, 79.686, 108.350



Deuteranomaly
91, 57.943, 110.338

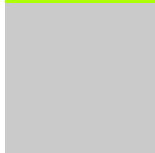


Tritanomaly
91, 45.590, 133.365

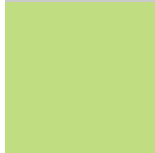
Monochromacy



Original Color
92, 102.770, 121.282



Achromatopsia
81, 0.010, 296.813



Achromatomaly
84, 47.972, 120.191

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 102.903, 121.250 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(173, 255, 5)` looks like.

```
.text, #text, p{  
    color:rgb(173, 255, 5)  
}
```

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(173, 255, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 255, 5) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 102.903, 121.250 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(173, 255, 5) }
```

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

```
.border{ border-color:rgb(173, 255, 5) }
```

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

Here you see how a box with a 4 pixel rgb(173, 255, 5) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 255, 5); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 255, 5);  
box-shadow:4px 4px 4px 4px rgb(173, 255,  
5) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 102.903, 121.250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 255, 5) }
```

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

```
.background{ background-color: rgb(173,  
255, 5) }
```

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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