

Converting Colors

CIELCh(92, 103.319, 121.506)

Have a look what the booklet for
CIELCh(92, 103.319, 121.506)
contains.

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Color

CIELCh(92, 103.033, 121.435)

Conversions

Conversions Part 1

Format	Color
Hex	ADFF05
RGB	173, 255, 5
RGB Percent	68%, 100%, 2%
CMY	0.3233, 0.0000, 0.9798
CMYK	0.32, 0.00, 0.98, 0.00
HSL	80°, 100%, 51%
HSV	80°, 98%, 100%
XYZ	53.0923, 80.7044, 12.9263
YIQ	201.9820, 31.3780, -95.1340

Conversions

Conversions Part 2

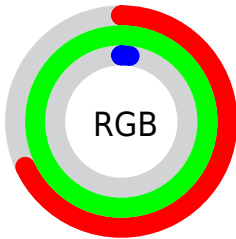
Format	Color
RYB	5, 255, 87
Decimal	11403013
CIELab	92.00, -53.73, 87.91
CIELCh	92, 103.033, 121.435
Yxy	80.7044, 0.3619, 0.5500
Android (android.graphics.Color)	4289593093 (0xFFADFF05)
YUV	201.9820, -97.1121, -25.4172
Hunter-Lab	89.8356, -51.7200, 54.3538

Details

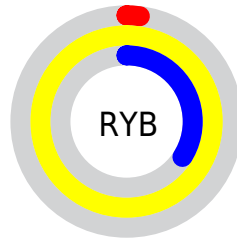
The CIELCh color **92, 103.033, 121.435** is a dark color, and the websafe version is hex **99FF00**. The color can be described as middle saturated chartreuse. A complement of this color would be **37, 128.479, 308.618**, and the grayscale version is **82, 0.010, 296.813**.

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, 103.385, 121.598**, and if you desaturate by 10%, it is **92, 99.207, 120.356**.

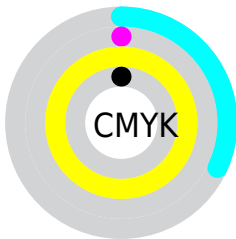
Distribution



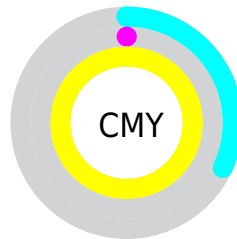
- Red (68%)
- Green (100%)
- Blue (2%)



- 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, 103.033, 121.435 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, 103.033, 121.435 by changing the saturation by 10% instead.


 92, 103.033,
121.435


 92, 103.033,
121.435


 100, 103.033,
121.435


 82, 103.033,
121.435


 72, 103.033,
121.435

 62, 103.033,
121.435

 52, 103.033,
121.435

 42, 103.033,
121.435

 32, 103.033,
121.435

 22, 103.033,

121.435

■ 12, 103.033,
121.435

■ 2, 103.033,
121.435

■ 92, 103.033,
121.435

■ 92, 103.033,
121.435

■ 92, 103.385,
121.598

■ 92, 99.207,
120.356

■ 93, 93.001,
119.826

■ 93, 84.406,
119.718

■ 94, 74.000,
119.913

■ 95, 62.362,
120.303

■ 96, 49.939,
120.803

■ 97, 37.044,
121.357

■ 98, 23.885,
121.929

■ 99, 10.604,
122.496

Harmonies

Complementary

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



92, 103.033, 121.435



37, 128.479, 308.618

Rectangle

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



92, 103.033, 121.435



92, 103.033, 171.435



92, 103.033, 301.435



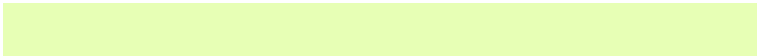
92, 103.033, 351.435

Sweetspot

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



92, 102.818, 121.368



97, 38.380, 121.299



60, 92.979, 47.867



51, 26.266, 121.060



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, 102.818, 121.368



92, 103.385, 121.598



88, 117.559, 134.943



53, 7.560, 122.410



71, 83.119, 121.334



24, 37.258, 119.889

Inverse Universe

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



37, 128.479, 308.618



36, 129.479, 308.550



53, 117.076, 321.263



49, 7.700, 303.462



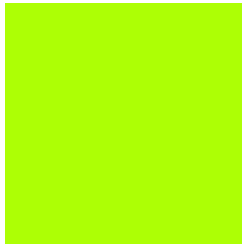
26, 104.070, 308.714



5, 44.805, 308.425

Previews

White Background



This preview shows how the CIE LCh color 92, 103.033, 121.435 looks on a white background.

Color Contrast Check

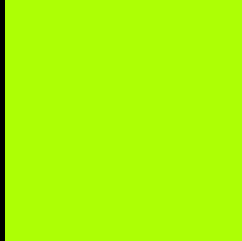
Large Text (above 18pt) WCAG AA × Fail

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, 103.033, 121.435 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

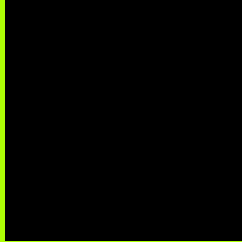
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 103.033, 121.435

Background



This preview shows how black text looks on a background with the CIELCh color 92, 103.033, 121.435.

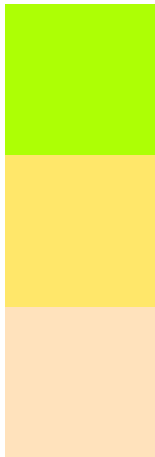


This preview shows how white text looks on a background with the CIELCh color 92, 103.033, 121.435.

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, 102.770, 121.282

Protanopia

91, 62.848, 95.868

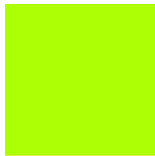
Deuteranopia

91, 22.670, 78.877

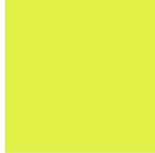


Tritanopia
92, 15.317, 236.434

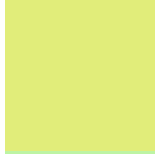
Trichromacy



Original Color
92, 102.770, 121.282



Protanomaly
91, 80.015, 108.308



Deuteranomaly
91, 57.488, 110.409

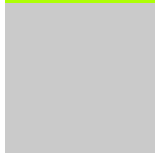


Tritanomaly
91, 45.760, 133.751

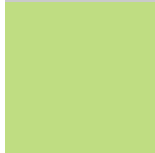
Monochromacy



Original Color
92, 102.770, 121.282



Achromatopsia
81, 0.010, 296.813



Achromatomaly
84, 48.077, 120.638

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 103.033, 121.435 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, 103.033, 121.435 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, 103.033, 121.435 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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