

Converting Colors

CIELCh(92, 93.017, 121.982)

Have a look what the booklet for
CIELCh(92, 93.017, 121.982)
contains.

CIELCh(92, 93.131, 122.081)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(92, 93.131, 122.081)

Conversions

Conversions Part 1

Format	Color
Hex	B3FE3B
RGB	179, 254, 59
RGB Percent	70%, 100%, 23%
CMY	0.2985, 0.0043, 0.7691
CMYK	0.30, 0.00, 0.77, 0.00
HSL	83°, 99%, 61%
HSV	83°, 77%, 100%
XYZ	54.7617, 80.7044, 16.8126
YIQ	209.3450, 17.8950, -76.5450

Conversions

Conversions Part 2

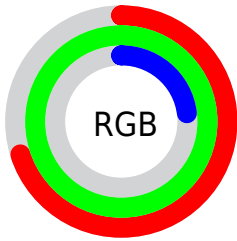
Format	Color
RYB	59, 254, 134
Decimal	11796027
CIELab	92.00, -49.46, 78.91
CIELCh	92, 93.131, 122.081
Yxy	80.7044, 0.3596, 0.5300
Android (android.graphics.Color)	4289986107 (0xFFB3FE3B)
YUV	209.3450, -74.1201, -26.6126
Hunter-Lab	89.8356, -48.4030, 51.7889

Details

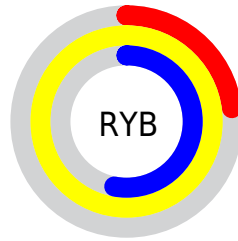
The CIELCh color **92, 93.131, 122.081** is a light color, and the websafe version is hex **CCFF33**. The color can be described as light washed chartreuse. A complement of this color would be **46, 109.449, 309.750**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 65.636, 110.819**, and **72, 86.700, 124.040** is the 20% darker color. If you saturate the color by 10%, you get **91, 99.852, 122.609**, and if you desaturate by 10%, it is **93, 84.105, 121.978**.

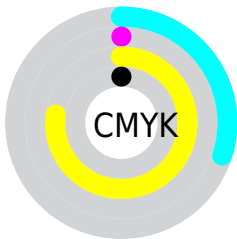
Distribution



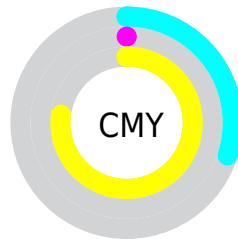
- Red (70%)
- Green (100%)
- Blue (23%)



- Red (23%)
- Yellow (100%)
- Blue (53%)



- Cyan (30%)
- Magenta (0%)
- Yellow (77%)
- Black (0%)





- Cyan (30%)
- Magenta (0%)
- Yellow (77%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 92, 93.131, 122.081 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, 93.131, 122.081 by changing the saturation by 10% instead.


 92, 93.131,
122.081


 92, 93.131,
122.081


 100, 93.131,
122.081


 82, 93.131,
122.081

 72, 93.131,
122.081

 62, 93.131,
122.081


 52, 93.131,
122.081

 42, 93.131,
122.081


 32, 93.131,
122.081


 22, 93.131,


122.081


 12, 93.131,
122.081


 2, 93.131, 122.081


 92, 93.131,
122.081


 92, 93.131,
122.081


 91, 99.852,
122.609


 93, 84.105,
121.978

 91, 103.961,
123.638

 93, 73.362,
122.170

 91, 104.932,
124.023

 94, 61.463,
122.546

 95, 48.835,
123.024

96, 35.776,
123.547

97, 22.487,
124.082

99, 9.103, 124.610

100, 0.690,
324.017

Harmonies

Complementary

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



92, 93.131, 122.081



46, 109.449, 309.750

Rectangle

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



92, 93.131, 122.081



92, 93.131, 172.081



92, 93.131, 302.081



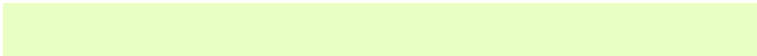
92, 93.131, 352.081

Sweetspot

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



92, 93.131, 122.082



97, 30.843, 123.751



68, 71.315, 55.173



51, 21.322, 123.557



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, 93.131, 122.082



91, 102.650, 123.082



88, 106.560, 135.839



53, 7.634, 124.468



70, 84.608, 123.747



24, 37.815, 122.212

Inverse Universe

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



46, 109.449, 309.750



40, 124.022, 309.777



59, 105.969, 324.064



49, 7.765, 305.431



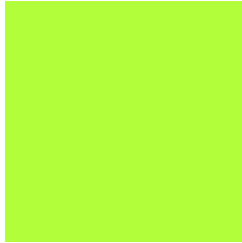
27, 102.991, 309.573



5, 44.881, 309.794

Previews

White Background



This preview shows how the CIELCh color 92, 93.131, 122.081 looks on a white background.

Color Contrast Check

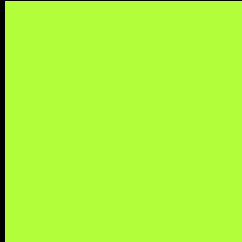
Large Text (above 18pt) WCAG AA × Fail

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, 93.131, 122.081 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

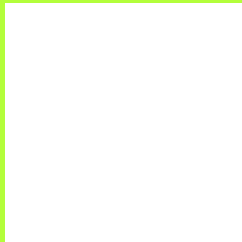
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 93.131, 122.081

Background



This preview shows how black text looks on a background with the CIELCh color 92, 93.131, 122.081.

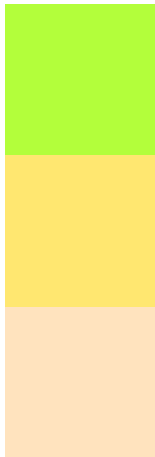


This preview shows how white text looks on a background with the CIELCh color 92, 93.131, 122.081.

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, 93.131, 122.081

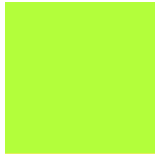
Protanopia
91, 60.212, 95.717

Deuteranopia
92, 21.994, 79.181

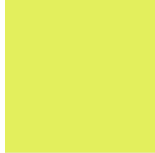


Tritanopia
92, 14.349, 239.519

Trichromacy



Original Color
92, 93.131, 122.081



Protanomaly
91, 70.774, 108.538



Deuteranomaly
91, 48.060, 111.076

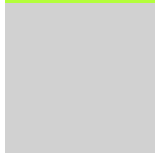


Tritanomaly
91, 35.345, 138.425

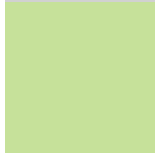
Monochromacy



Original Color
92, 93.131, 122.081



Achromatopsia
84, 0.010, 296.813



Achromatomaly
86, 38.063, 123.139

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 93.131, 122.081 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(179, 254, 59)` looks like.

```
.text, #text, p{  
    color:rgb(179, 254, 59)  
}
```

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(179, 254, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 254, 59) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 93.131, 122.081 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(179, 254, 59) }
```

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

```
.border{ border-color:rgb(179, 254, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 254, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 254, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 254, 59);  
box-shadow:4px 4px 4px 4px rgb(179, 254,  
59) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 93.131, 122.081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 254, 59) }
```

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

```
.background{ background-color: rgb(179,  
254, 59) }
```

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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