

Converting Colors

CIELCh(92, 93.840, 122.621)

Have a look what the booklet for
CIELCh(92, 93.840, 122.621)
contains.

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Color

CIELCh(92, 93.789, 122.629)

Conversions

Conversions Part 1

Format	Color
Hex	B0FE3A
RGB	176, 254, 58
RGB Percent	69%, 100%, 23%
CMY	0.3083, 0.0024, 0.7708
CMYK	0.31, 0.00, 0.77, 0.00
HSL	84°, 99%, 61%
HSV	84°, 77%, 100%
XYZ	54.3256, 80.7044, 16.7762
YIQ	208.3340, 16.4280, -77.4920

Conversions

Conversions Part 2

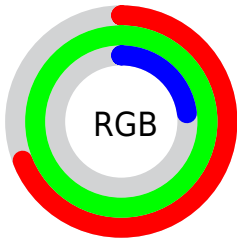
Format	Color
RYB	58, 254, 136
Decimal	11599418
CIELab	92.00, -50.57, 78.99
CIELCh	92, 93.789, 122.629
Yxy	80.7044, 0.3579, 0.5316
Android (android.graphics.Color)	4289789498 (0xFFB0FE3A)
YUV	208.3340, -74.1147, -28.3569
Hunter-Lab	89.8356, -49.2694, 51.8129

Details

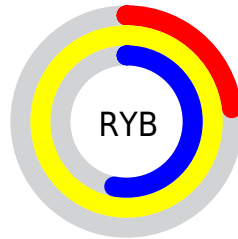
The CIELCh color **92, 93.789, 122.629** is a light color, and the websafe version is hex **99FF33**. The color can be described as light washed chartreuse. A complement of this color would be **46, 109.716, 310.065**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 66.207, 111.782**, and **72, 87.141, 124.665** is the 20% darker color. If you saturate the color by 10%, you get **91, 100.519, 123.175**, and if you desaturate by 10%, it is **93, 84.741, 122.512**.

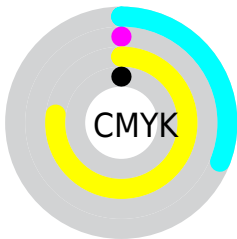
Distribution



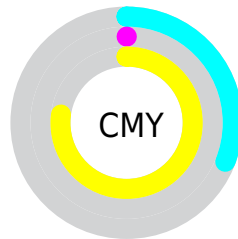
- Red (69%)
- Green (100%)
- Blue (23%)



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



- Cyan (31%)
- Magenta (0%)
- Yellow (77%)
- Black (0%)





- Cyan (31%)
- Magenta (0%)
- Yellow (77%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 92, 93.789, 122.629 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, 93.789, 122.629 by changing the saturation by 10% instead.


 92, 93.789,
122.629


 92, 93.789,
122.629


 100, 93.789,
122.629


 82, 93.789,
122.629

 72, 93.789,
122.629

 62, 93.789,
122.629

 52, 93.789,
122.629

 42, 93.789,
122.629

 32, 93.789,
122.629

 22, 93.789,

122.629

■ 12, 93.789,
122.629

■ 2, 93.789, 122.629

■ 92, 93.789,
122.629

■ 92, 93.789,
122.629

■ 91, 100.519,
123.175

■ 93, 84.741,
122.512

■ 91, 104.639,
124.225

■ 93, 73.962,
122.694

■ 91, 105.561,
124.587

■ 94, 62.016,
123.063

■ 95, 49.335,
123.533

■ 96, 36.219,
124.049

■ 98, 22.872,
124.576

■ 99, 9.431, 125.096

100, 0.396,
323.674

Harmonies

Complementary

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



92, 93.789, 122.629



46, 109.716, 310.065

Rectangle

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



92, 93.789, 122.629



92, 93.789, 172.629



92, 93.789, 302.629



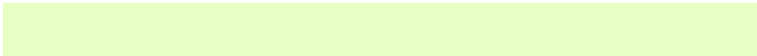
92, 93.789, 352.629

Sweetspot

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



92, 93.789, 122.630



97, 30.930, 124.261



68, 71.647, 55.152



51, 21.382, 124.071



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, 93.789, 122.630



91, 103.084, 123.636



89, 106.904, 135.827



53, 7.654, 124.968



70, 84.987, 124.307



24, 37.959, 122.758

Inverse Universe

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



46, 109.716, 310.065



40, 123.722, 310.032



59, 106.294, 324.064



49, 7.782, 305.911



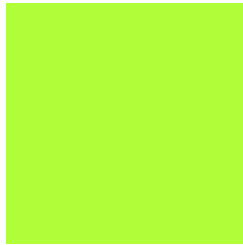
28, 102.714, 309.807



5, 44.894, 310.142

Previews

White Background



This preview shows how the CIE LCh color 92, 93.789, 122.629 looks on a white background.

Color Contrast Check

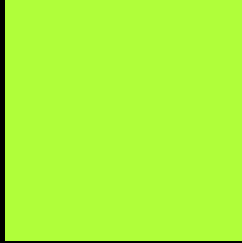
Large Text (above 18pt) WCAG AA × Fail

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, 93.789, 122.629 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

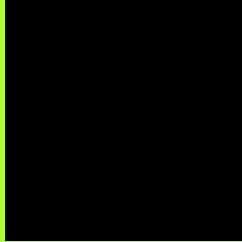
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

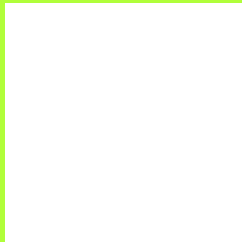
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 93.789, 122.629

Background



This preview shows how black text looks on a background with the CIELCh color 92, 93.789, 122.629.

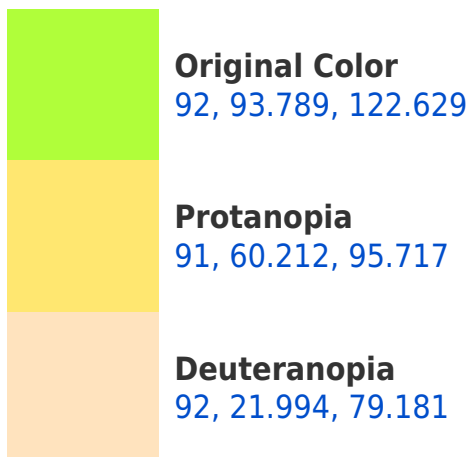


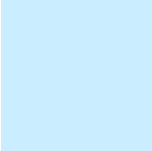
This preview shows how white text looks on a background with the CIELCh color 92, 93.789, 122.629.

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](#).

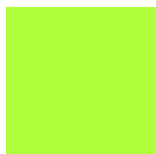
Dichromacy



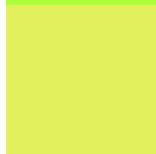


Tritanopia
92, 14.589, 238.707

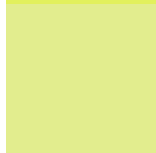
Trichromacy



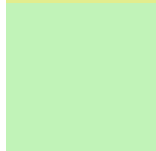
Original Color
92, 93.789, 122.629



Protanomaly
91, 71.232, 109.159

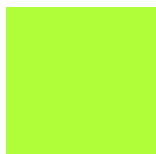


Deuteranomaly
91, 48.098, 111.547

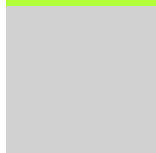


Tritanomaly
91, 35.535, 138.893

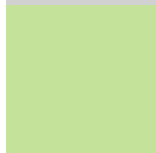
Monochromacy



Original Color
92, 93.789, 122.629



Achromatopsia
84, 0.010, 296.813



Achromatomaly
86, 38.749, 123.986

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 93.789, 122.629 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(176, 254, 58)` looks like.

```
.text, #text, p{  
    color:rgb(176, 254, 58)  
}
```

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(176, 254, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 254, 58) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 93.789, 122.629 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(176, 254, 58) }
```

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

```
.border{ border-color:rgb(176, 254, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 254, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 254, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 254, 58);  
box-shadow:4px 4px 4px 4px rgb(176, 254,  
58) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 93.789, 122.629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 254, 58) }
```

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

```
.background{ background-color: rgb(176,  
254, 58) }
```

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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