

Converting Colors

CIELCh(100, 105.097, 131.280)

Have a look what the booklet for
CIELCh(100, 105.097, 131.280)
contains.

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Color

CIELCh(91, 90.811, 129.610)

Conversions

Conversions Part 1

Format	Color
Hex	97FF52
RGB	151, 255, 82
RGB Percent	59%, 100%, 32%
CMY	0.4090, 0.0012, 0.6796
CMYK	0.41, 0.00, 0.68, 0.00
HSL	96°, 100%, 66%
HSV	96°, 68%, 100%
XYZ	49.8820, 78.4833, 20.4425
YIQ	204.1820, -6.4510, -75.8510

Conversions

Conversions Part 2

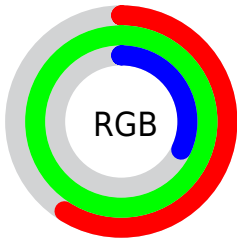
Format	Color
RYB	82, 255, 186
Decimal	9961298
CIELab	91.00, -57.90, 69.96
CIElCh	91, 90.811, 129.610
Yxy	78.4833, 0.3352, 0.5274
Android (android.graphics.Color)	4288151378 (0xFF97FF52)
YUV	204.1820, -60.2357, -46.6406
Hunter-Lab	88.5908, -54.5276, 48.3323

Details

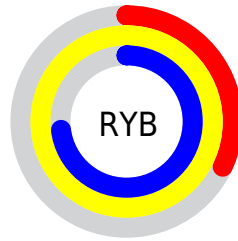
The CIELCh color **91, 90.811, 129.610** is a light color, and the websafe version is hex **99FF66**. The color can be described as light muted chartreuse. A complement of this color would be **56, 97.624, 315.285**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 59.970, 122.395**, and **71, 90.658, 129.645** is the 20% darker color. If you saturate the color by 10%, you get **90, 100.401, 129.662**, and if you desaturate by 10%, it is **92, 79.391, 129.850**.

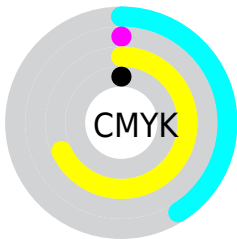
Distribution



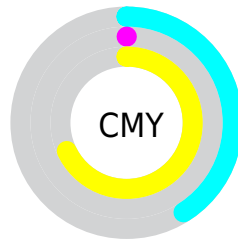
- Red (59%)
- Green (100%)
- Blue (32%)



- Red (32%)
- Yellow (100%)
- Blue (73%)



- Cyan (41%)
- Magenta (0%)
- Yellow (68%)
- Black (0%)





- Cyan (41%)
- Magenta (0%)
- Yellow (68%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 91, 90.811, 129.610 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 91, 90.811, 129.610 by changing the saturation by 10% instead.


 91, 90.811,
129.610


 91, 90.811,
129.610


 100, 90.811,
129.610


 81, 90.811,
129.610


 71, 90.811,
129.610

 61, 90.811,
129.610


 51, 90.811,
129.610

 41, 90.811,
129.610


 31, 90.811,
129.610


 21, 90.811,


129.610


 11, 90.811,
129.610


 1, 90.811, 129.610


 91, 90.811,
129.610


 91, 90.811,
129.610

 90, 100.401,
129.662


 92, 79.391,
129.850


 90, 107.563,
130.135

 93, 66.730,
130.256

 89, 112.046,
131.083

 94, 53.291,
130.740

 89, 112.786,
131.294

 95, 39.405,
131.245

■ 97, 25.305,
131.737

■ 99, 11.156,
132.205

100, 0.193,
322.847

Harmonies

Complementary

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



91, 90.811, 129.610



56, 97.624, 315.285

Rectangle

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



91, 90.811, 129.610



91, 90.811, 179.610



91, 90.811, 309.610



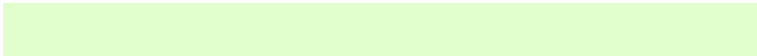
91, 90.811, 359.610

Sweetspot

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



91, 90.812, 129.611



97, 28.271, 131.637



80, 62.560, 75.874



51, 19.288, 131.499



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



91, 90.812, 129.611



90, 103.738, 129.798



89, 94.920, 140.600



52, 8.019, 132.132



69, 90.658, 131.035



23, 40.262, 129.646

Inverse Universe

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



56, 97.624, 315.285



49, 112.459, 315.238



64, 92.430, 331.176



49, 8.108, 312.912



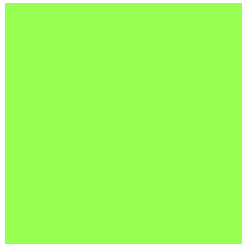
33, 98.377, 314.416



7, 44.660, 315.702

Previews

White Background



This preview shows how the CIE LCh color 91, 90.811, 129.610 looks on a white background.

Color Contrast Check

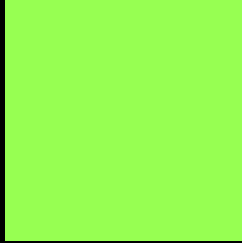
Large Text (above 18pt) WCAG AA × Fail

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 91, 90.811, 129.610 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

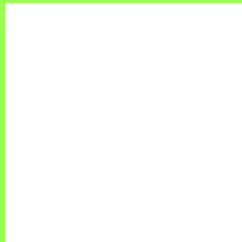
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 90.811, 129.610

Background



This preview shows how black text looks on a background with the CIELCh color 91, 90.811, 129.610.

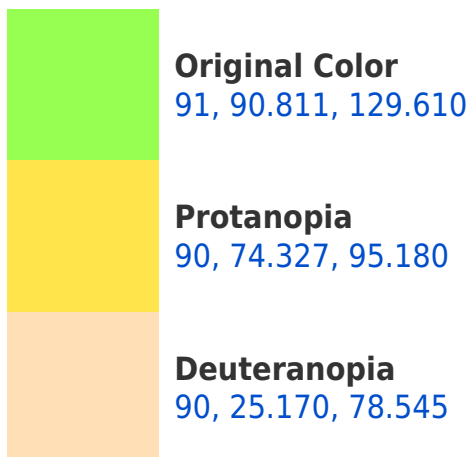


This preview shows how white text looks on a background with the CIELCh color 91, 90.811, 129.610.

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
91, 19.613, 227.048

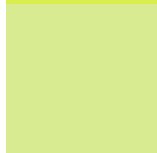
Trichromacy



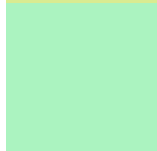
Original Color
91, 90.811, 129.610



Protanomaly
90, 76.819, 110.567



Deuteranomaly
90, 46.132, 115.369

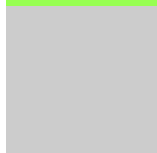


Tritanomaly
90, 36.901, 151.550

Monochromacy



Original Color
91, 90.811, 129.610



Achromatopsia
82, 0.010, 296.813



Achromatomaly
85, 35.214, 131.108

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 90.811, 129.610 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(151, 255, 82)` looks like.

```
.text, #text, p{  
    color:rgb(151, 255, 82)  
}
```

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(151, 255, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 255, 82) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 90.811, 129.610 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(151, 255, 82) }
```

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

```
.border{ border-color:rgb(151, 255, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 255, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 255, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 255, 82);  
box-shadow:4px 4px 4px 4px rgb(151, 255,  
82) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 90.811, 129.610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 255, 82) }
```

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

```
.background{ background-color: rgb(151,  
255, 82) }
```

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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