

Converting Colors

CIELCh(92, 82.874, 130.930)

Have a look what the booklet for
CIELCh(92, 82.874, 130.930)
contains.

CIELCh(92, 82.225, 130.725)	3
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Color

CIELCh(92, 82.225, 130.725)

Conversions

Conversions Part 1

Format	Color
Hex	A0FF68
RGB	160, 255, 104
RGB Percent	63%, 100%, 41%
CMY	0.3722, 0.0000, 0.5920
CMYK	0.37, 0.00, 0.59, 0.00
HSL	98°, 100%, 70%
HSV	98°, 59%, 100%
XYZ	53.1267, 80.7044, 25.8826
YIQ	209.3810, -8.1490, -67.1010

Conversions

Conversions Part 2

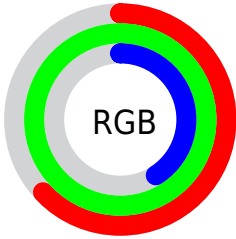
Format	Color
RYB	104, 255, 199
Decimal	10551144
CIELab	92.00, -53.65, 62.31
CIELCh	92, 82.225, 130.725
Yxy	80.7044, 0.3326, 0.5053
Android (android.graphics.Color)	4288741224 (0xFFA0FF68)
YUV	209.3810, -51.9528, -43.3071
Hunter-Lab	89.8356, -51.6516, 45.8029

Details

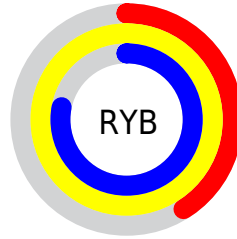
The CIELCh color **92, 82.225, 130.725** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **61, 86.519, 315.917**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 49.523, 122.779**, and **72, 81.852, 130.595** is the 20% darker color. If you saturate the color by 10%, you get **91, 92.983, 130.409**, and if you desaturate by 10%, it is **93, 69.020, 131.068**.

Distribution



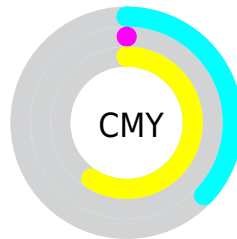
- Red (63%)
- Green (100%)
- Blue (41%)



- Red (41%)
- Yellow (100%)
- Blue (78%)



- Cyan (37%)
- Magenta (0%)
- Yellow (59%)
- Black (0%)





- Cyan (37%)
- Magenta (0%)
- Yellow (59%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 92, 82.225, 130.725 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, 82.225, 130.725 by changing the saturation by 10% instead.

 92, 82.225,
130.725


 92, 82.225,
130.725


 100, 82.225,
130.725


 82, 82.225,
130.725

 72, 82.225,
130.725

 62, 82.225,
130.725

 52, 82.225,
130.725

 42, 82.225,
130.725

 32, 82.225,
130.725

 22, 82.225,

130.725

■ 12, 82.225,
130.725

■ 2, 82.225, 130.725

■ 92, 82.225,
130.725

■ 92, 82.225,
130.725

■ 91, 92.983,
130.409

■ 93, 69.020,
131.068

■ 90, 102.367,
130.466

■ 94, 55.534,
131.564

■ 89, 109.230,
130.952

■ 95, 41.560,
132.080

■ 89, 113.459,
131.878

■ 97, 27.347,
132.582

■ 89, 113.741,
131.952

■ 98, 13.072,
133.056

100, 0.012,
296.813

Harmonies

Complementary

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



92, 82.225, 130.725



61, 86.519, 315.917

Rectangle

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



92, 82.225, 130.725



92, 82.225, 180.725



92, 82.225, 310.725



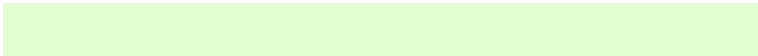
92, 82.225, 0.725

Sweetspot

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



92, 81.665, 130.652



97, 25.633, 132.641



83, 54.891, 78.743



51, 17.816, 132.499



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



92, 81.665, 130.652



91, 94.832, 130.393



90, 84.011, 142.242



52, 8.078, 133.042



69, 91.347, 131.702



23, 40.567, 130.381

Inverse Universe

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



61, 86.519, 315.917



55, 101.276, 316.122



68, 82.770, 331.316



49, 8.161, 313.818



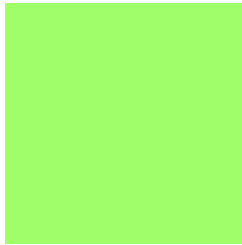
34, 97.819, 315.187



7, 44.537, 316.477

Previews

White Background



This preview shows how the CIE LCh color 92, 82.225, 130.725 looks on a white background.

Color Contrast Check

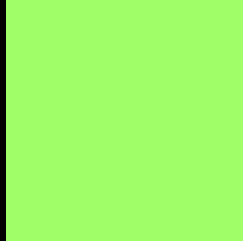
Large Text (above 18pt) WCAG AA × Fail

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, 82.225, 130.725 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

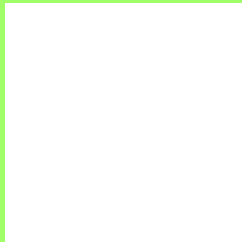
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 82.225, 130.725

Background



This preview shows how black text looks on a background with the CIELCh color 92, 82.225, 130.725.

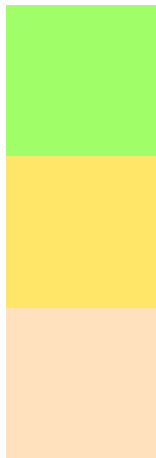


This preview shows how white text looks on a background with the CIELCh color 92, 82.225, 130.725.

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, 81.694, 130.665

Protanopia
91, 63.383, 95.488

Deuteranopia
91, 21.994, 76.809

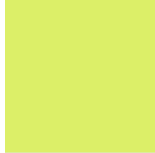


Tritanopia
91, 17.339, 229.271

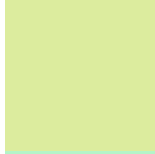
Trichromacy



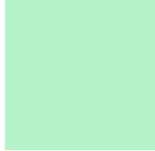
Original Color
92, 81.694, 130.665



Protanomaly
91, 66.543, 111.587



Deuteranomaly
91, 40.165, 115.936

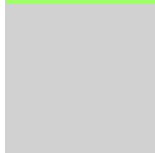


Tritanomaly
91, 32.291, 152.695

Monochromacy



Original Color
92, 81.694, 130.665



Achromatopsia
84, 0.010, 296.813



Achromatomaly
86, 31.499, 132.586

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 82.225, 130.725 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(160, 255, 104)` looks like.

```
.text, #text, p{  
    color:rgb(160, 255, 104)  
}
```

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(160, 255, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 255, 104) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 82.225, 130.725 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(160, 255, 104) }
```

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

```
.border{ border-color:rgb(160, 255, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 255, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 255, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 255, 104);  
box-shadow:4px 4px 4px 4px rgb(160, 255,  
104) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 82.225, 130.725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 255, 104) }
```

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

```
.background{ background-color: rgb(160,  
255, 104) }
```

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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