

Converting Colors

CIELCh(92, 82.332, 130.258)

Have a look what the booklet for
CIELCh(92, 82.332, 130.258)
contains.

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Color

CIELCh(92, 81.749, 130.125)

Conversions

Conversions Part 1

Format	Color
Hex	A3FF68
RGB	163, 255, 104
RGB Percent	64%, 100%, 41%
CMY	0.3620, 0.0000, 0.5935
CMYK	0.36, 0.00, 0.59, 0.00
HSL	97°, 100%, 70%
HSV	97°, 59%, 100%
XYZ	53.4999, 80.7044, 25.7609
YIQ	210.2780, -6.3610, -66.4650

Conversions

Conversions Part 2

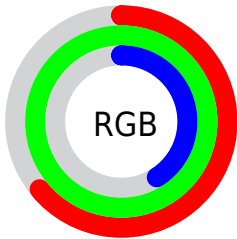
Format	Color
RYB	104, 255, 196
Decimal	10747752
CIELab	92.00, -52.68, 62.51
CIElCh	92, 81.749, 130.125
Yxy	80.7044, 0.3344, 0.5045
Android (android.graphics.Color)	4288937832 (0xFFA3FF68)
YUV	210.2780, -52.3951, -41.4628
Hunter-Lab	89.8356, -50.9100, 45.8832

Details

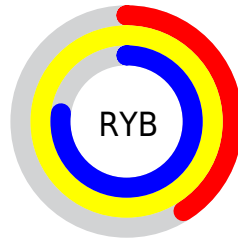
The CIELCh color **92, 81.749, 130.125** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **61, 86.647, 315.354**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 49.193, 121.536**, and **72, 81.384, 130.037** is the 20% darker color. If you saturate the color by 10%, you get **91, 92.633, 129.859**, and if you desaturate by 10%, it is **93, 68.838, 130.471**.

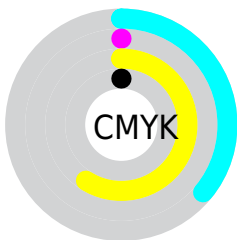
Distribution



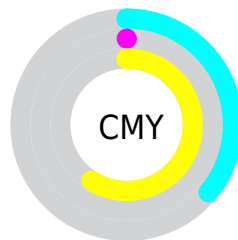
- Red (64%)
- Green (100%)
- Blue (41%)



- Red (41%)
- Yellow (100%)
- Blue (77%)



- Cyan (36%)
- Magenta (0%)
- Yellow (59%)
- Black (0%)





- Cyan (36%)
- Magenta (0%)
- Yellow (59%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 92, 81.749, 130.125 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, 81.749, 130.125 by changing the saturation by 10% instead.


 92, 81.749,
130.125


 92, 81.749,
130.125


 100, 81.749,
130.125


 82, 81.749,
130.125

 72, 81.749,
130.125

 62, 81.749,
130.125

 52, 81.749,
130.125

 42, 81.749,
130.125

 32, 81.749,
130.125

 22, 81.749,

130.125

■ 12, 81.749,
130.125

■ 2, 81.749, 130.125

■ 92, 81.749,
130.125

■ 92, 81.749,
130.125

■ 91, 92.633,
129.859

■ 93, 68.838,
130.471

■ 90, 101.939,
129.951

■ 94, 55.439,
130.954

■ 90, 108.736,
130.478

■ 95, 41.550,
131.461

■ 89, 112.934,
131.447

■ 97, 27.420,
131.959

■ 89, 113.164,
131.511

■ 98, 13.221,
132.431

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, 81.749, 130.125



61, 86.647, 315.354

Rectangle

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



92, 81.749, 130.125



92, 81.749, 180.125



92, 81.749, 310.125



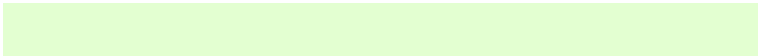
92, 81.749, 0.125

Sweetspot

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



92, 81.398, 130.075



97, 25.501, 132.024



82, 54.617, 77.228



51, 17.724, 131.883



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, 81.398, 130.075



91, 94.316, 129.850



90, 85.133, 141.760



52, 8.038, 132.424



69, 90.881, 131.253



23, 40.360, 129.885

Inverse Universe

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



61, 86.647, 315.354



54, 101.339, 315.574



68, 83.869, 330.722



49, 8.124, 313.202



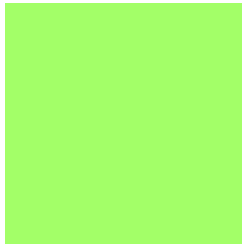
33, 98.197, 314.658



7, 44.624, 315.949

Previews

White Background



This preview shows how the CIE LCh color 92, 81.749, 130.125 looks on a white background.

Color Contrast Check

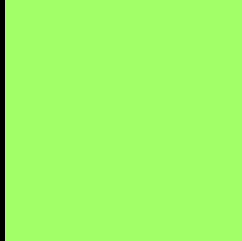
Large Text (above 18pt) WCAG AA × Fail

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, 81.749, 130.125 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

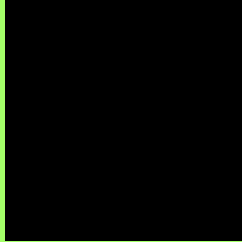
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

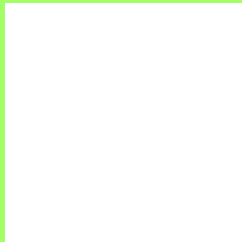
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 81.749, 130.125

Background



This preview shows how black text looks on a background with the CIELCh color 92, 81.749, 130.125.

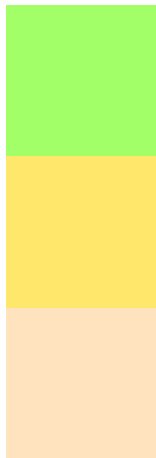


This preview shows how white text looks on a background with the CIELCh color 92, 81.749, 130.125.

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, 81.218, 130.058

Protanopia

91, 61.976, 95.821

Deuteranopia

91, 21.763, 77.689

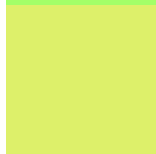


Tritanopia
92, 16.822, 230.346

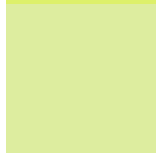
Trichromacy



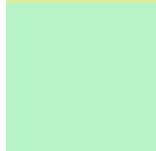
Original Color
92, 81.218, 130.058



Protanomaly
91, 66.101, 111.671

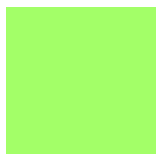


Deuteranomaly
91, 40.137, 115.945

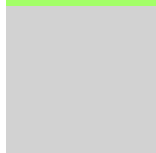


Tritanomaly
91, 31.818, 151.908

Monochromacy



Original Color
92, 81.218, 130.058



Achromatopsia
84, 0.010, 296.813



Achromatomaly
86, 31.179, 131.392

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 81.749, 130.125 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(163, 255, 104)` looks like.

```
.text, #text, p{  
    color:rgb(163, 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(163, 255, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 255, 104) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 81.749, 130.125 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(163, 255, 104) }
```

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

```
.border{ border-color:rgb(163, 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(163, 255, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 255, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 255, 104);  
box-shadow:4px 4px 4px 4px rgb(163, 255,  
104) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 81.749, 130.125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 255, 104) }
```

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

```
.background{ background-color: rgb(163,  
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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