

Converting Colors

CIELCh(92, 81.329, 128.942)

Have a look what the booklet for
CIELCh(92, 81.329, 128.942)
contains.

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Color

CIELCh(92, 81.340, 128.957)

Conversions

Conversions Part 1

Format	Color
Hex	A7FF66
RGB	167, 255, 102
RGB Percent	65%, 100%, 40%
CMY	0.3451, 0.0000, 0.5999
CMYK	0.35, 0.00, 0.60, 0.00
HSL	95°, 100%, 70%
HSV	95°, 60%, 100%
XYZ	54.1018, 80.7044, 25.2996
YIQ	211.2460, -3.3350, -66.2390

Conversions

Conversions Part 2

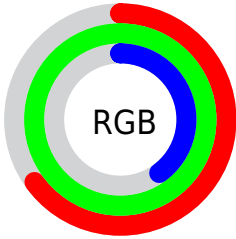
Format	Color
RYB	102, 255, 190
Decimal	11009894
CIELab	92.00, -51.14, 63.25
CIELCh	92, 81.340, 128.957
Yxy	80.7044, 0.3379, 0.5041
Android (android.graphics.Color)	4289199974 (0xFFA7FF66)
YUV	211.2460, -53.8583, -38.8037
Hunter-Lab	89.8356, -49.7142, 46.1876

Details

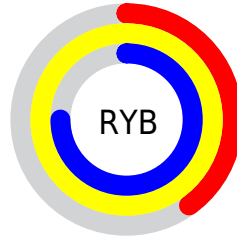
The CIELCh color **92, 81.340, 128.957** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **60, 87.403, 314.328**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 49.726, 119.538**, and **72, 81.583, 128.941** is the 20% darker color. If you saturate the color by 10%, you get **91, 92.348, 128.794**, and if you desaturate by 10%, it is **93, 68.973, 129.316**.

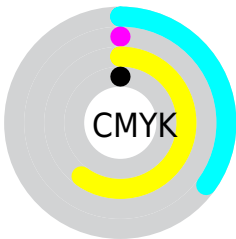
Distribution



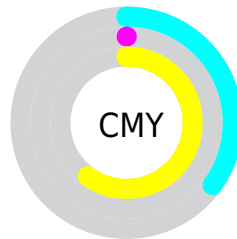
- Red (65%)
- Green (100%)
- Blue (40%)



- Red (40%)
- Yellow (100%)
- Blue (75%)



- Cyan (35%)
- Magenta (0%)
- Yellow (60%)
- Black (0%)





- Cyan (35%)
- Magenta (0%)
- Yellow (60%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 92, 81.340, 128.957 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, 81.340, 128.957 by changing the saturation by 10% instead.


 92, 81.340,
128.957


 92, 81.340,
128.957


 100, 81.340,
128.957


 82, 81.340,
128.957

 72, 81.340,
128.957

 62, 81.340,
128.957

 52, 81.340,
128.957

 42, 81.340,
128.957

 32, 81.340,
128.957

 22, 81.340,

128.957

■ 12, 81.340,
128.957

■ 2, 81.340, 128.957

■ 92, 81.340,
128.957

■ 92, 81.340,
128.957

■ 91, 92.348,
128.794

■ 93, 68.973,
129.316

■ 90, 101.417,
128.956

■ 94, 55.758,
129.774

■ 90, 107.977,
129.569

■ 95, 42.039,
130.269

■ 89, 112.036,
130.618

■ 97, 28.064,
130.761

■ 89, 112.038,
130.618

■ 98, 14.004,
131.233

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, 81.340, 128.957



60, 87.403, 314.328

Rectangle

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



92, 81.340, 128.957



92, 81.340, 178.957



92, 81.340, 308.957



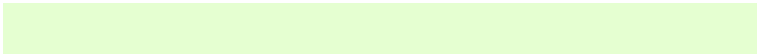
92, 81.340, 358.957

Sweetspot

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



92, 81.332, 128.957



97, 25.264, 130.857



81, 54.520, 74.077



51, 17.557, 130.717



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, 81.332, 128.957



91, 94.344, 128.796



90, 87.784, 140.790



52, 7.966, 131.255



69, 89.976, 130.350



23, 39.967, 128.905

Inverse Universe

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



60, 87.403, 314.328



53, 102.635, 314.580



68, 86.488, 329.597



49, 8.059, 312.044



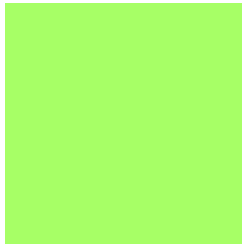
32, 98.920, 313.715



7, 44.752, 314.969

Previews

White Background



This preview shows how the CIE LCh color 92, 81.340, 128.957 looks on a white background.

Color Contrast Check

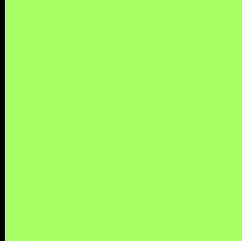
Large Text (above 18pt) WCAG AA × Fail

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, 81.340, 128.957 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

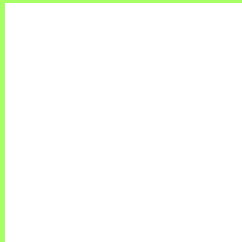
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 81.340, 128.957

Background



This preview shows how black text looks on a background with the CIELCh color 92, 81.340, 128.957.

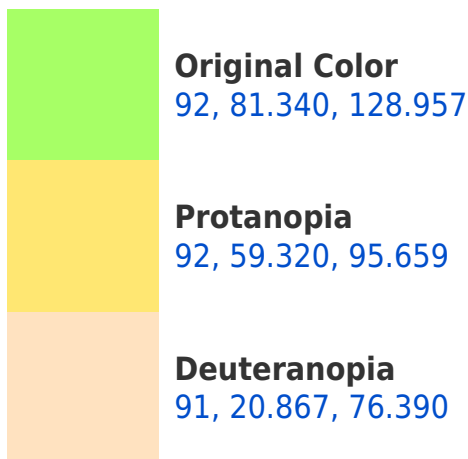


This preview shows how white text looks on a background with the CIELCh color 92, 81.340, 128.957.

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, 16.051, 232.099

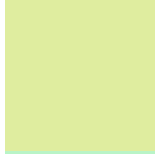
Trichromacy



Original Color
92, 81.340, 128.957



Protanomaly
91, 64.288, 111.257



Deuteranomaly
91, 40.013, 114.853

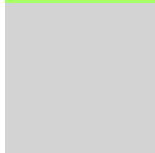


Tritanomaly
91, 31.513, 150.057

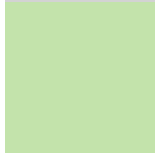
Monochromacy



Original Color
92, 81.340, 128.957



Achromatopsia
85, 0.010, 296.813



Achromatomaly
87, 31.471, 130.415

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 81.340, 128.957 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(167, 255, 102)` looks like.

```
.text, #text, p{  
    color:rgb(167, 255, 102)  
}
```

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(167, 255, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 255, 102) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 81.340, 128.957 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(167, 255, 102) }
```

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

```
.border{ border-color:rgb(167, 255, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 255, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 255, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 255, 102);  
box-shadow:4px 4px 4px 4px rgb(167, 255,  
102) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 81.340, 128.957 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 255, 102) }
```

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

```
.background{ background-color: rgb(167,  
255, 102) }
```

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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