

Converting Colors

CIELCh(92, 81.792, 129.749)

Have a look what the booklet for
CIELCh(92, 81.792, 129.749)
contains.

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Color

CIELCh(92, 81.435, 129.716)

Conversions

Conversions Part 1

Format	Color
Hex	A4FF67
RGB	164, 255, 103
RGB Percent	64%, 100%, 40%
CMY	0.3553, 0.0000, 0.5946
CMYK	0.36, 0.00, 0.59, 0.00
HSL	96°, 100%, 70%
HSV	96°, 59%, 100%
XYZ	53.7523, 80.7044, 25.6780
YIQ	210.4630, -5.4440, -66.5640

Conversions

Conversions Part 2

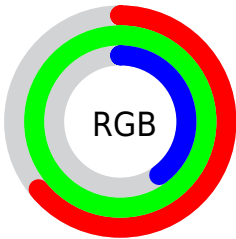
Format	Color
RYB	103, 255, 194
Decimal	10813287
CIELab	92.00, -52.04, 62.64
CIELCh	92, 81.435, 129.716
Yxy	80.7044, 0.3357, 0.5040
Android (android.graphics.Color)	4289003367 (0xFFA4FF67)
YUV	210.4630, -52.9793, -40.7481
Hunter-Lab	89.8356, -50.4085, 45.9379

Details

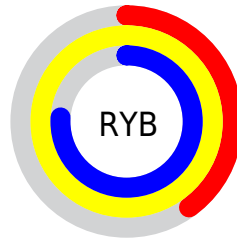
The CIELCh color **92, 81.435, 129.716** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **60, 86.741, 314.982**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 49.554, 120.954**, and **72, 81.506, 129.736** is the 20% darker color. If you saturate the color by 10%, you get **91, 92.403, 129.486**, and if you desaturate by 10%, it is **93, 68.723, 130.069**.

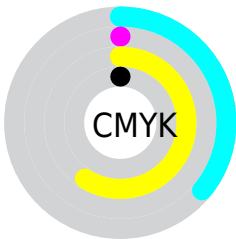
Distribution



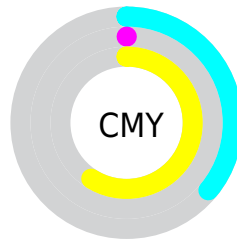
- Red (64%)
- Green (100%)
- Blue (40%)



- Red (40%)
- Yellow (100%)
- Blue (76%)



- 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, 81.435, 129.716 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, 81.435, 129.716 by changing the saturation by 10% instead.


 92, 81.435,
129.716


 92, 81.435,
129.716


 100, 81.435,
129.716


 82, 81.435,
129.716

 72, 81.435,
129.716

 62, 81.435,
129.716

 52, 81.435,
129.716

 42, 81.435,
129.716

 32, 81.435,
129.716

 22, 81.435,

129.716

■ 12, 81.435,
129.716

■ 2, 81.435, 129.716

■ 92, 81.435,
129.716

■ 92, 81.435,
129.716

■ 91, 92.403,
129.486

■ 93, 68.723,
130.069

■ 90, 101.655,
129.599

■ 94, 55.381,
130.543

■ 90, 108.404,
130.151

■ 95, 41.549,
131.046

■ 89, 112.576,
131.148

■ 97, 27.473,
131.541

■ 89, 112.769,
131.203

■ 98, 13.324,
132.012

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, 81.435, 129.716



60, 86.741, 314.982

Rectangle

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



92, 81.435, 129.716



92, 81.435, 179.716



92, 81.435, 309.716



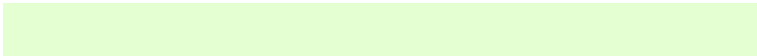
92, 81.435, 359.716

Sweetspot

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



92, 81.225, 129.685



97, 25.415, 131.611



82, 54.339, 75.695



51, 17.663, 131.470



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, 81.225, 129.685



91, 93.974, 129.479



90, 86.194, 141.297



52, 8.012, 132.009



69, 90.563, 130.941



23, 40.221, 129.544

Inverse Universe

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



60, 86.741, 314.982



54, 101.384, 315.214



68, 84.928, 330.141



49, 8.101, 312.791



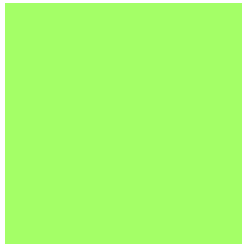
33, 98.453, 314.315



7, 44.674, 315.598

Previews

White Background



This preview shows how the CIE LCh color 92, 81.435, 129.716 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, 81.435, 129.716 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, 81.435, 129.716

Background



This preview shows how black text looks on a background with the CIELCh color 92, 81.435, 129.716.

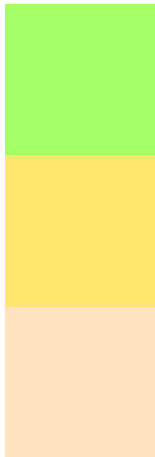


This preview shows how white text looks on a background with the CIELCh color 92, 81.435, 129.716.

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, 81.435, 129.716

Protanopia

91, 60.655, 95.744

Deuteranopia

91, 21.314, 77.054



Tritanopia
92, 16.564, 230.911

Trichromacy



Original Color
92, 81.435, 129.716



Protanomaly
91, 65.197, 111.467

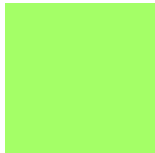


Deuteranomaly
91, 40.073, 115.400

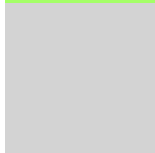


Tritanomaly
91, 31.584, 151.503

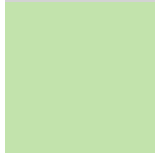
Monochromacy



Original Color
92, 81.435, 129.716



Achromatopsia
85, 0.010, 296.813



Achromatomaly
87, 31.153, 131.397

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 81.435, 129.716 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(164, 255, 103)` looks like.

```
.text, #text, p{  
    color:rgb(164, 255, 103)  
}
```

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(164, 255, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 255, 103) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 81.435, 129.716 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(164, 255, 103) }
```

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

```
.border{ border-color:rgb(164, 255, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 255, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 255, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 255, 103);  
box-shadow:4px 4px 4px 4px rgb(164, 255,  
103) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 81.435, 129.716 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 255, 103) }
```

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

```
.background{ background-color: rgb(164,  
255, 103) }
```

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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