

Converting Colors

CIELCh(100, 87.127, 137.218)

Have a look what the booklet for
CIELCh(100, 87.127, 137.218)
contains.

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Color

CIELCh(92, 71.544, 136.913)

Conversions

Conversions Part 1

Format	Color
Hex	9AFF86
RGB	154, 255, 134
RGB Percent	60%, 100%, 53%
CMY	0.3963, 0.0000, 0.4750
CMYK	0.40, 0.00, 0.48, 0.00
HSL	110°, 100%, 76%
HSV	110°, 48%, 100%
XYZ	53.6688, 80.7044, 35.2541
YIQ	211.0070, -21.3550, -59.0430

Conversions

Conversions Part 2

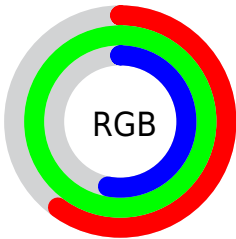
Format	Color
RYB	134, 255, 235
Decimal	10157958
CIELab	92.00, -52.25, 48.87
CIELCh	92, 71.544, 136.913
Yxy	80.7044, 0.3164, 0.4758
Android (android.graphics.Color)	4288348038 (0xFF9AFF86)
YUV	211.0070, -37.9645, -49.9951
Hunter-Lab	89.8356, -50.5745, 39.6178

Details

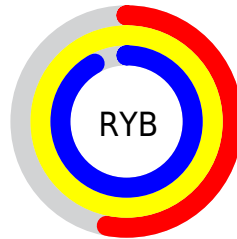
The CIELCh color **92, 71.544, 136.913** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **71, 72.041, 321.919**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 37.102, 132.986**, and **72, 71.335, 136.921** is the 20% darker color. If you saturate the color by 10%, you get **91, 84.505, 136.155**, and if you desaturate by 10%, it is **93, 56.621, 137.634**.

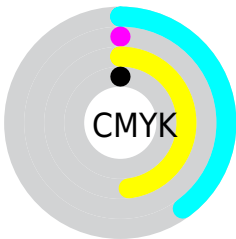
Distribution



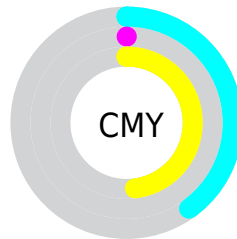
- Red (60%)
- Green (100%)
- Blue (53%)



- Red (53%)
- Yellow (100%)
- Blue (92%)



- Cyan (40%)
- Magenta (0%)
- Yellow (48%)
- Black (0%)





- Cyan (40%)
- Magenta (0%)
- Yellow (48%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 92, 71.544, 136.913 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, 71.544, 136.913 by changing the saturation by 10% instead.


 92, 71.544,
136.913


 92, 71.544,
136.913


 100, 71.544,
136.913


 82, 71.544,
136.913

 72, 71.544,
136.913

 62, 71.544,
136.913

 52, 71.544,
136.913

 42, 71.544,
136.913

 32, 71.544,
136.913

 22, 71.544,

136.913

■ 12, 71.544,
136.913

■ 2, 71.544, 136.913

■ 92, 71.544,
136.913

■ 92, 71.544,
136.913

■ 91, 84.505,
136.155

■ 93, 56.621,
137.634

■ 90, 96.518,
135.488

■ 95, 41.676,
138.321

■ 89, 106.428,
135.014

■ 96, 26.497,
138.941

■ 88, 113.595,
134.868

■ 98, 11.302,
139.495

■ 88, 117.709,
135.113

100, 0.012,
296.813

■ 88, 118.424,
135.181

Harmonies

Complementary

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



92, 71.544, 136.913



71, 72.041, 321.919

Rectangle

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



92, 71.544, 136.913



92, 71.544, 186.913



92, 71.544, 316.913



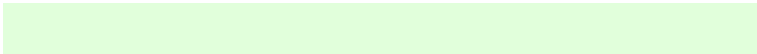
92, 71.544, 6.913

Sweetspot

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



92, 71.031, 136.897



97, 21.167, 139.141



93, 51.528, 96.815



51, 14.626, 139.019



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

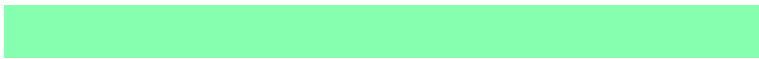
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92, 71.031, 136.897



91, 83.858, 136.192



92, 58.614, 151.107



52, 8.576, 139.388



68, 95.212, 135.045



23, 42.523, 134.487

Inverse Universe

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



71, 72.041, 321.919



66, 85.000, 322.218



72, 59.418, 339.584



50, 8.617, 320.247



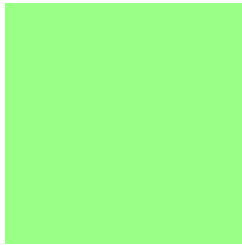
40, 94.412, 321.915



10, 43.326, 322.641

Previews

White Background



This preview shows how the CIE LCh color 92, 71.544, 136.913 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, 71.544, 136.913 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

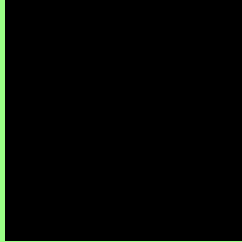
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 92, 71.544, 136.913

Background



This preview shows how black text looks on a background with the CIELCh color 92, 71.544, 136.913.

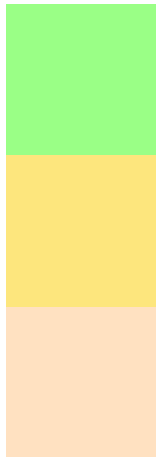


This preview shows how white text looks on a background with the CIELCh color 92, 71.544, 136.913.

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, 70.966, 136.909

Protanopia
91, 53.794, 95.625

Deuteranopia
91, 20.228, 74.048

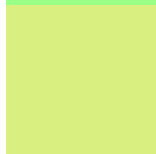


Tritanopia
92, 18.176, 225.769

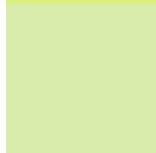
Trichromacy



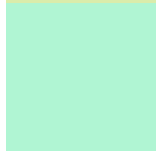
Original Color
92, 70.966, 136.909



Protanomaly
91, 56.130, 114.775



Deuteranomaly
91, 33.945, 119.264

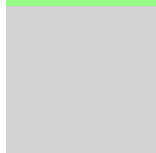


Tritanomaly
91, 29.873, 161.421

Monochromacy



Original Color
92, 70.966, 136.909



Achromatopsia
85, 0.010, 296.813



Achromatomaly
87, 26.770, 139.020

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 71.544, 136.913 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(154, 255, 134)` looks like.

```
.text, #text, p{  
    color:rgb(154, 255, 134)  
}
```

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(154, 255, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 255, 134) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 71.544, 136.913 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(154, 255, 134) }
```

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

```
.border{ border-color:rgb(154, 255, 134) }
```

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

Here you see how a box with a 4 pixel rgb(154, 255, 134) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 255, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 255, 134);  
box-shadow:4px 4px 4px 4px rgb(154, 255,  
134) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 71.544, 136.913 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 255, 134) }
```

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

```
.background{ background-color: rgb(154,  
255, 134) }
```

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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