

Converting Colors

CIELCh(92, 63.130, 141.542)

Have a look what the booklet for
CIELCh(92, 63.130, 141.542)
contains.

CIELCh(92, 63.013, 141.614)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(92, 63.013, 141.614)

Conversions

Conversions Part 1

Format	Color
Hex	99FF9A
RGB	153, 255, 154
RGB Percent	60%, 100%, 60%
CMY	0.3996, 0.0000, 0.3957
CMYK	0.40, 0.00, 0.40, 0.00
HSL	121°, 100%, 80%
HSV	121°, 40%, 100%
XYZ	54.7897, 80.7044, 43.3030
YIQ	212.9880, -28.3710, -53.0350

Conversions

Conversions Part 2

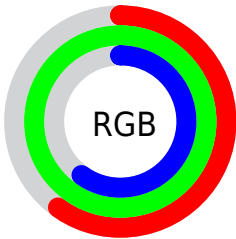
Format	Color
RYB	153, 254, 255
Decimal	10092442
CIELab	92.00, -49.39, 39.13
CIElCh	92, 63.013, 141.614
Yxy	80.7044, 0.3064, 0.4514
Android (android.graphics.Color)	4288282522 (0xFF99FF9A)
YUV	212.9880, -29.0811, -52.6095
Hunter-Lab	89.8356, -48.3472, 34.3057

Details

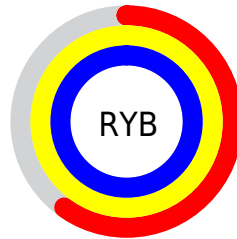
The CIELCh color **92, 63.013, 141.614** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **77, 62.817, 326.867**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 28.407, 142.200**, and **72, 63.405, 141.460** is the 20% darker color. If you saturate the color by 10%, you get **91, 77.565, 140.542**, and if you desaturate by 10%, it is **94, 47.527, 142.575**.

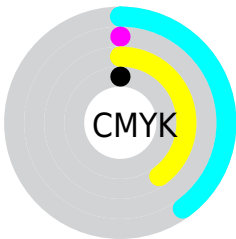
Distribution



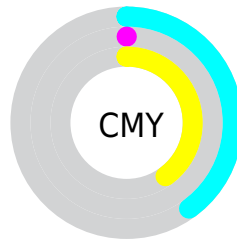
- Red (60%)
- Green (100%)
- Blue (60%)



- Red (60%)
- Yellow (100%)
- Blue (100%)



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





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 92, 63.013, 141.614 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, 63.013, 141.614 by changing the saturation by 10% instead.


 92, 63.013,
141.614


 92, 63.013,
141.614


 100, 63.013,
141.614


 82, 63.013,
141.614

 72, 63.013,
141.614

 62, 63.013,
141.614


 52, 63.013,
141.614


 42, 63.013,
141.614


 32, 63.013,
141.614


 22, 63.013,


141.614


 12, 63.013,
141.614


 2, 63.013, 141.614


 92, 63.013,
141.614


 92, 63.013,
141.614


 91, 77.565,
140.542


 94, 47.527,
142.575

 90, 90.864,
139.385

 95, 31.686,
143.407

 89, 102.262,
138.227

 98, 15.742,
144.124

 88, 111.118,
137.199

100, 0.012,
296.813

■ 88, 116.891,
136.449

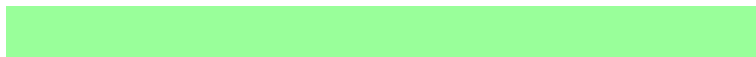
■ 88, 119.616,
136.070

■ 88, 119.624,
136.069

Harmonies

Complementary

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



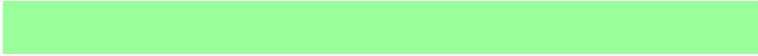
92, 63.013, 141.614



77, 62.817, 326.867

Rectangle

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



92, 63.013, 141.614



92, 63.013, 191.614



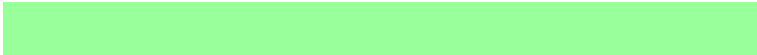
92, 63.013, 321.614



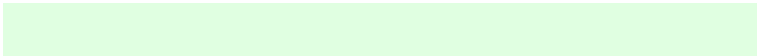
92, 63.013, 11.614

Sweetspot

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



92, 62.954, 141.617



97, 18.992, 143.986



98, 50.647, 106.303



52, 12.606, 143.895



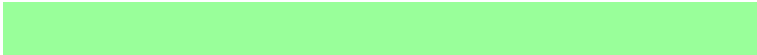
0, 0.000, 0.000



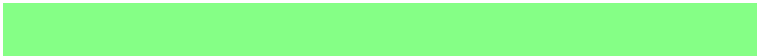
53, 0.007, 296.813

Same Dimension

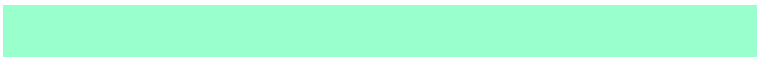
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92, 62.954, 141.617



91, 74.788, 140.760



93, 43.477, 159.650



52, 8.984, 144.155



68, 96.296, 136.092



22, 43.610, 136.958

Inverse Universe

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



77, 62.817, 326.867



73, 74.416, 327.255



75, 45.598, 347.683



50, 8.997, 325.208



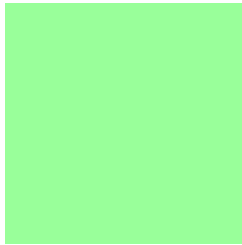
45, 92.373, 328.624



12, 42.535, 328.577

Previews

White Background



This preview shows how the CIE LCh color 92, 63.013, 141.614 looks on a white background.

Color Contrast Check

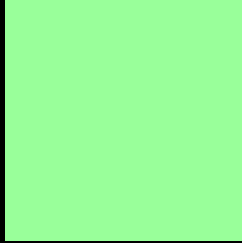
Large Text (above 18pt) WCAG AA × Fail

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, 63.013, 141.614 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, 63.013, 141.614

Background



This preview shows how black text looks on a background with the CIELCh color 92, 63.013, 141.614.

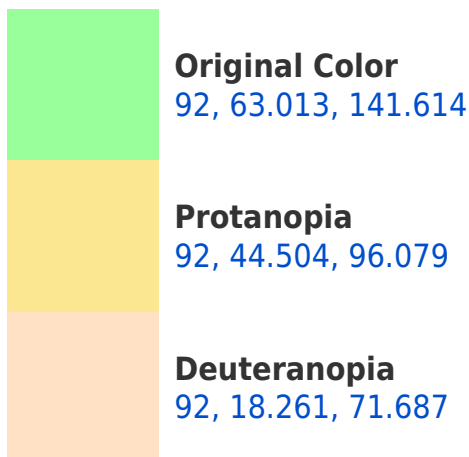


This preview shows how white text looks on a background with the CIELCh color 92, 63.013, 141.614.

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



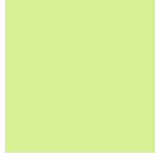


Tritanopia
92, 17.988, 224.193

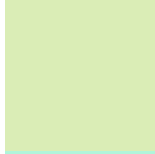
Trichromacy



Original Color
92, 63.013, 141.614



Protanomaly
91, 47.472, 118.403



Deuteranomaly
91, 29.101, 122.237

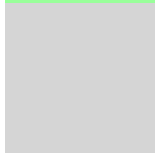


Tritanomaly
92, 27.626, 167.199

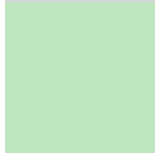
Monochromacy



Original Color
92, 63.013, 141.614



Achromatopsia
85, 0.010, 296.813



Achromatomaly
87, 23.226, 144.157

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 63.013, 141.614 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(153, 255, 154)` looks like.

```
.text, #text, p{  
    color:rgb(153, 255, 154)  
}
```

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(153, 255, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 255, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 63.013, 141.614 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(153, 255, 154) }
```

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

```
.border{ border-color:rgb(153, 255, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 255, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 255, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 255, 154);  
box-shadow:4px 4px 4px 4px rgb(153, 255,  
154) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 63.013, 141.614 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 255, 154) }
```

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

```
.background{ background-color: rgb(153,  
255, 154) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor