

Converting Colors

CIELCh(92, 59.561, 144.515)

Have a look what the booklet for
CIELCh(92, 59.561, 144.515)
contains.

CIELCh(92, 59.736, 144.447)	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, 59.736, 144.447)

Conversions

Conversions Part 1

Format	Color
Hex	97FFA3
RGB	151, 255, 163
RGB Percent	59%, 100%, 64%
CMY	0.4080, 0.0002, 0.3610
CMYK	0.41, 0.00, 0.36, 0.00
HSL	127°, 100%, 80%
HSV	127°, 41%, 100%
XYZ	55.1034, 80.7044, 47.3016
YIQ	213.4160, -32.4520, -50.6600

Conversions

Conversions Part 2

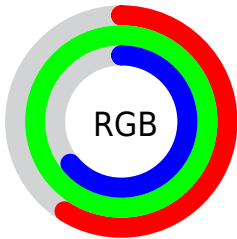
Format	Color
RYB	151, 244, 255
Decimal	9961379
CIELab	92.00, -48.60, 34.73
CIELCh	92, 59.736, 144.447
Yxy	80.7044, 0.3009, 0.4407
Android (android.graphics.Color)	4288151459 (0xFF97FFA3)
YUV	213.4160, -24.8551, -54.7388
Hunter-Lab	89.8356, -47.7240, 31.6667

Details

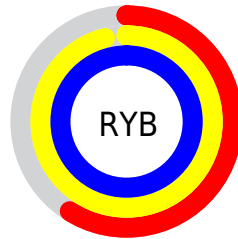
The CIELCh color **92, 59.736, 144.447** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **76, 59.658, 330.187**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 24.711, 149.876**, and **72, 60.074, 144.307** is the 20% darker color. If you saturate the color by 10%, you get **91, 73.395, 143.289**, and if you desaturate by 10%, it is **94, 45.389, 145.459**.

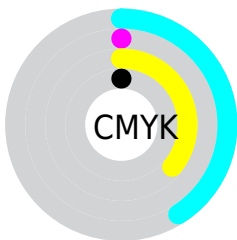
Distribution



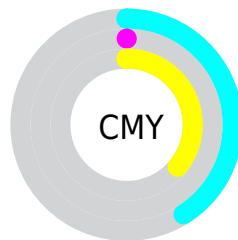
- Red (59%)
- Green (100%)
- Blue (64%)



- Red (59%)
- Yellow (96%)
- Blue (100%)



- Cyan (41%)
- Magenta (0%)
- Yellow (36%)
- Black (0%)





- Cyan (41%)
- Magenta (0%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 59.736, 144.447 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, 59.736, 144.447 by changing the saturation by 10% instead.


 92, 59.736,
144.447

 92, 59.736,
144.447

 100, 59.736,
144.447


 82, 59.736,
144.447

 72, 59.736,
144.447

 62, 59.736,
144.447


 52, 59.736,
144.447

 42, 59.736,
144.447


 32, 59.736,
144.447


 22, 59.736,


144.447


 12, 59.736,
144.447


 2, 59.736, 144.447


 92, 59.736,
144.447


 92, 59.736,
144.447


 91, 73.395,
143.289


 94, 45.389,
145.459


 90, 85.983,
141.993

 95, 30.675,
146.332

 89, 97.086,
140.597

 97, 15.860,
147.086

 88, 106.273,
139.178

 100, 1.148,
147.998

■ 88, 113.148,
137.857

100, 0.039,
316.553

■ 88, 117.263,
136.884

Harmonies

Complementary

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



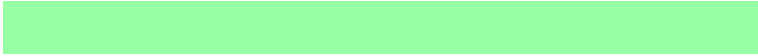
92, 59.736, 144.447



76, 59.658, 330.187

Rectangle

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



92, 59.736, 144.447



92, 59.736, 194.447



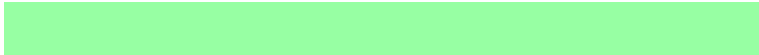
92, 59.736, 324.447



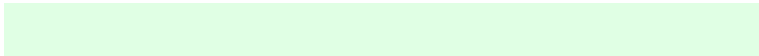
92, 59.736, 14.447

Sweetspot

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



92, 59.737, 144.447



97, 17.648, 147.000



97, 51.820, 110.773



52, 11.714, 146.906



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, 59.737, 144.447



91, 71.024, 143.507



93, 40.808, 165.141



52, 8.349, 147.177



68, 94.025, 137.076



22, 41.309, 139.048

Inverse Universe

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



76, 59.658, 330.187



72, 70.628, 330.677



74, 44.238, 354.083



50, 8.366, 328.280



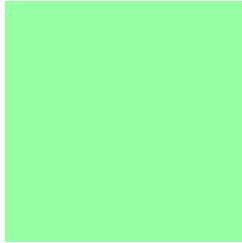
44, 85.011, 333.449



12, 39.536, 332.750

Previews

White Background



This preview shows how the CIE LCh color 92, 59.736, 144.447 looks on a white background.

Color Contrast Check

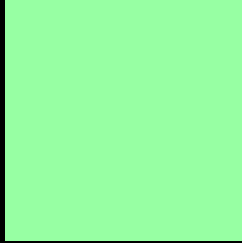
Large Text (above 18pt) WCAG AA × Fail

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, 59.736, 144.447 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

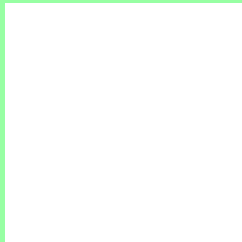
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 59.736, 144.447

Background



This preview shows how black text looks on a background with the CIELCh color 92, 59.736, 144.447.

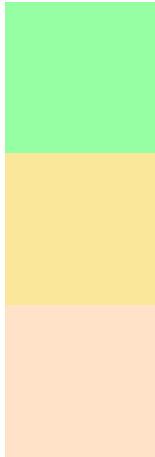


This preview shows how white text looks on a background with the CIELCh color 92, 59.736, 144.447.

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, 59.736, 144.447

Protanopia
92, 40.535, 96.044

Deuteranopia
92, 17.428, 69.794

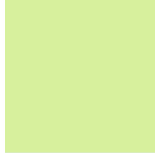


Tritanopia
92, 18.256, 223.774

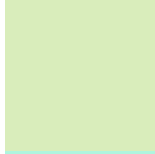
Trichromacy



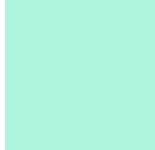
Original Color
92, 59.736, 144.447



Protanomaly
91, 43.284, 120.319



Deuteranomaly
91, 26.759, 124.438

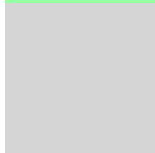


Tritanomaly
92, 26.741, 171.180

Monochromacy



Original Color
92, 59.736, 144.447



Achromatopsia
85, 0.010, 296.813



Achromatomaly
87, 22.176, 147.161

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 59.736, 144.447 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(151, 255, 163)` looks like.

```
.text, #text, p{  
    color:rgb(151, 255, 163)  
}
```

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(151, 255, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 255, 163) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 59.736, 144.447 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(151, 255, 163) }
```

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

```
.border{ border-color:rgb(151, 255, 163) }
```

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

Here you see how a box with a 4 pixel rgb(151, 255, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 255, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 255, 163);  
box-shadow:4px 4px 4px 4px rgb(151, 255,  
163) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 59.736, 144.447 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 255, 163) }
```

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

```
.background{ background-color: rgb(151,  
255, 163) }
```

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