

Converting Colors

CIELCh(92, 61.153, 142.802)

Have a look what the booklet for
CIELCh(92, 61.153, 142.802)
contains.

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Color

CIELCh(92, 61.382, 142.652)

Conversions

Conversions Part 1

Format	Color
Hex	99FF9E
RGB	153, 255, 158
RGB Percent	60%, 100%, 62%
CMY	0.4003, 0.0003, 0.3806
CMYK	0.40, 0.00, 0.38, 0.00
HSL	123°, 100%, 80%
HSV	123°, 40%, 100%
XYZ	55.0254, 80.7044, 44.9945
YIQ	213.4440, -29.6550, -51.7910

Conversions

Conversions Part 2

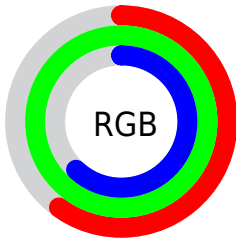
Format	Color
RYB	153, 250, 255
Decimal	10092446
CIELab	92.00, -48.80, 37.24
CIElCh	92, 61.382, 142.652
Yxy	80.7044, 0.3045, 0.4466
Android (android.graphics.Color)	4288282526 (0xFF99FF9E)
YUV	213.4440, -27.3339, -53.0094
Hunter-Lab	89.8356, -47.8789, 33.1893

Details

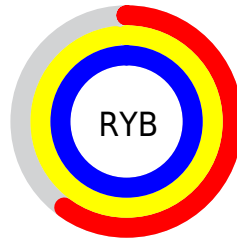
The CIELCh color **92, 61.382, 142.652** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **77, 61.252, 328.023**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 26.712, 144.578**, and **72, 61.770, 142.522** is the 20% darker color. If you saturate the color by 10%, you get **91, 75.672, 141.548**, and if you desaturate by 10%, it is **94, 46.343, 143.626**.

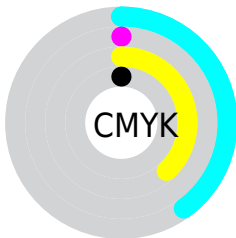
Distribution



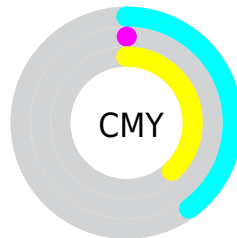
- Red (60%)
- Green (100%)
- Blue (62%)



- Red (60%)
- Yellow (98%)
- Blue (100%)



- Cyan (40%)
- Magenta (0%)
- Yellow (38%)
- Black (0%)





- Cyan (40%)
- Magenta (0%)
- Yellow (38%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 92, 61.382, 142.652 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, 61.382, 142.652 by changing the saturation by 10% instead.


 92, 61.382,
142.652


 92, 61.382,
142.652


 100, 61.382,
142.652


 82, 61.382,
142.652

 72, 61.382,
142.652

 62, 61.382,
142.652


 52, 61.382,
142.652

 42, 61.382,
142.652


 32, 61.382,
142.652


 22, 61.382,


142.652

 12, 61.382,
142.652


 2, 61.382, 142.652


 92, 61.382,
142.652


 92, 61.382,
142.652


 91, 75.672,
141.548


 94, 46.343,
143.626

 90, 88.763,
140.338

 95, 30.919,
144.468

 89, 100.141,
139.084

 98, 15.401,
145.195

 88, 109.250,
137.892

100, 0.009,
183.329

■ 88, 115.584,
136.906

100, 0.053,
318.625

■ 88, 118.971,
136.285

Harmonies

Complementary

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



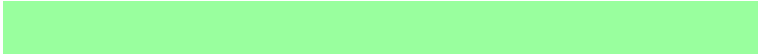
92, 61.382, 142.652



77, 61.252, 328.023

Rectangle

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



92, 61.382, 142.652



92, 61.382, 192.652



92, 61.382, 322.652



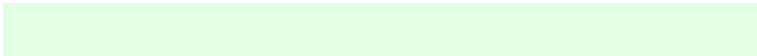
92, 61.382, 12.652

Sweetspot

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



92, 61.383, 142.652



97, 18.487, 145.058



98, 50.717, 107.819



52, 12.271, 144.966



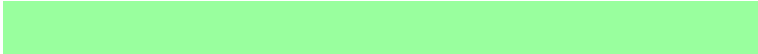
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

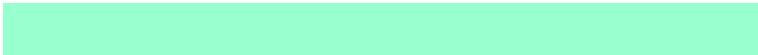
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92, 61.383, 142.652



91, 72.894, 141.780



93, 42.340, 161.413



52, 8.745, 145.229



68, 95.587, 136.396



22, 42.746, 137.708

Inverse Universe

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



77, 61.252, 328.023



73, 72.495, 328.439



75, 44.828, 349.701



50, 8.759, 326.297



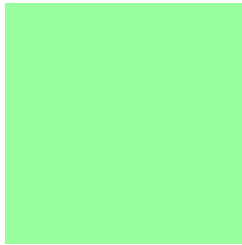
45, 89.562, 330.290



12, 41.394, 330.031

Previews

White Background



This preview shows how the CIE LCh color 92, 61.382, 142.652 looks on a white background.

Color Contrast Check

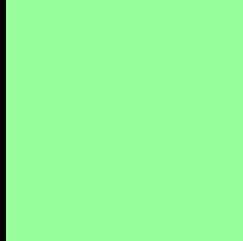
Large Text (above 18pt) WCAG AA × Fail

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, 61.382, 142.652 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

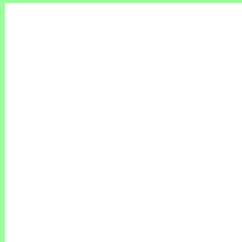
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 61.382, 142.652

Background



This preview shows how black text looks on a background with the CIELCh color 92, 61.382, 142.652.

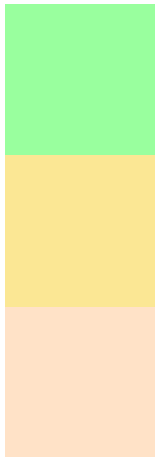


This preview shows how white text looks on a background with the CIELCh color 92, 61.382, 142.652.

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, 61.382, 142.652

Protanopia
92, 43.052, 95.876

Deuteranopia
92, 17.842, 70.764

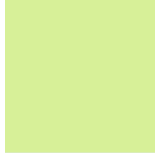


Tritanopia
92, 17.988, 224.193

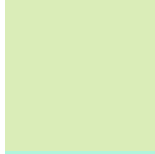
Trichromacy



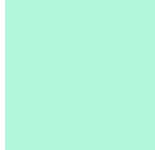
Original Color
92, 61.382, 142.652



Protanomaly
91, 45.574, 119.011



Deuteranomaly
91, 28.120, 122.788

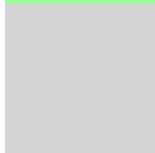


Tritanomaly
92, 27.034, 169.015

Monochromacy



Original Color
92, 61.382, 142.652



Achromatopsia
85, 0.010, 296.813



Achromatomaly
87, 22.798, 144.902

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 61.382, 142.652 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, 158)` looks like.

```
.text, #text, p{  
    color:rgb(153, 255, 158)  
}
```

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, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 255, 158) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 61.382, 142.652 is called "border". The border property can be set on classes, ids or directly on the HTML element.

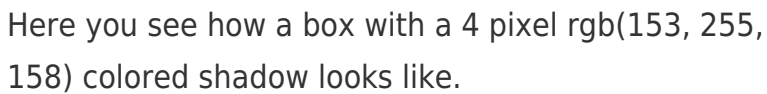
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(153, 255, 158) }
```

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

```
.border{ border-color:rgb(153, 255, 158) }
```

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, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 255, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 255, 158);  
box-shadow:4px 4px 4px 4px rgb(153, 255,  
158) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 61.382, 142.652 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, 158) }
```

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

```
.background{ background-color: rgb(153,  
255, 158) }
```

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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