

Converting Colors

CIELCh(93, 51.800, 142.093)

Have a look what the booklet for
CIELCh(93, 51.800, 142.093)
contains.

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Color

CIELCh(93, 51.914, 142.086)

Conversions

Conversions Part 1

Format	Color
Hex	ACFFAC
RGB	172, 255, 172
RGB Percent	67%, 100%, 67%
CMY	0.3269, 0.0015, 0.3269
CMYK	0.33, 0.00, 0.33, 0.00
HSL	120°, 99%, 84%
HSV	120°, 33%, 100%
XYZ	59.9802, 82.9670, 51.7015
YIQ	220.7210, -22.8250, -43.4090

Conversions

Conversions Part 2

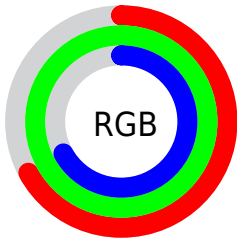
Format	Color
RYB	172, 255, 255
Decimal	11337644
CIELab	93.00, -40.96, 31.90
CIELCh	93, 51.914, 142.086
Yxy	82.9670, 0.3081, 0.4262
Android (android.graphics.Color)	4289527724 (0xFFACFFAC)
YUV	220.7210, -24.0195, -42.7283
Hunter-Lab	91.0862, -41.8588, 30.1068

Details

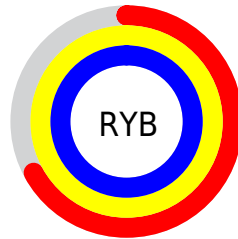
The CIELCh color **93, 51.914, 142.086** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **81, 51.885, 326.222**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 16.651, 142.864**, and **73, 51.948, 141.971** is the 20% darker color. If you saturate the color by 10%, you get **91, 67.240, 141.100**, and if you desaturate by 10%, it is **95, 36.070, 142.948**.

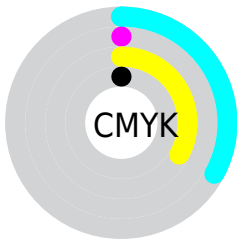
Distribution



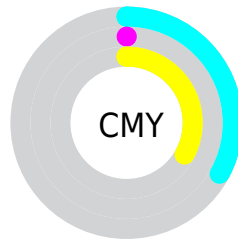
- Red (67%)
- Green (100%)
- Blue (67%)



- Red (67%)
- Yellow (100%)
- Blue (100%)



- Cyan (33%)
- Magenta (0%)
- Yellow (33%)
- Black (0%)





- Cyan (33%)
- Magenta (0%)
- Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 93, 51.914, 142.086 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 93, 51.914, 142.086 by changing the saturation by 10% instead.


 93, 51.914,
142.086


 93, 51.914,
142.086


 100, 51.914,
142.086


 83, 51.914,
142.086

 73, 51.914,
142.086

 63, 51.914,
142.086


 53, 51.914,
142.086

 43, 51.914,
142.086


 33, 51.914,
142.086


 23, 51.914,


142.086


 13, 51.914,
142.086


 3, 51.914, 142.086


 93, 51.914,
142.086

 93, 51.914,
142.086

 91, 67.240,
141.100


 95, 36.070,
142.948

 90, 81.608,
140.007

 97, 20.044,
143.692

 89, 94.484,
138.856

 99, 4.092, 144.376

 88, 105.237,
137.749

100, 0.247,
323.194

■ 88, 113.214,
136.827

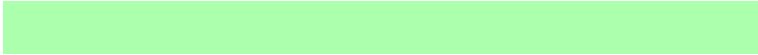
■ 88, 117.954,
136.236

■ 88, 119.640,
136.017

Harmonies

Complementary

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



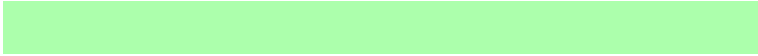
93, 51.914, 142.086



81, 51.885, 326.222

Rectangle

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



93, 51.914, 142.086



93, 51.914, 192.086



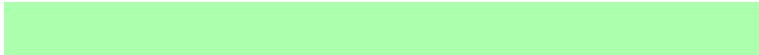
93, 51.914, 322.086



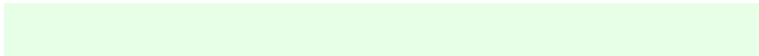
93, 51.914, 12.086

Sweetspot

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



93, 51.916, 142.086



98, 15.910, 143.868



98, 41.566, 107.001



52, 10.864, 143.773



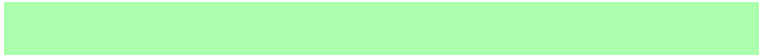
0, 0.000, 0.000



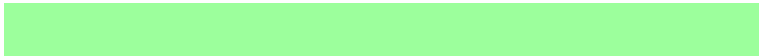
53, 0.007, 296.813

Same Dimension

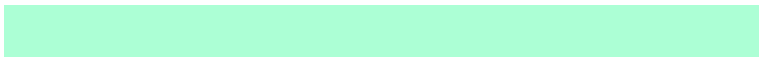
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 51.916, 142.086



92, 61.892, 141.468



94, 35.732, 160.537



52, 9.042, 143.901



68, 96.472, 136.017



22, 43.822, 136.780

Inverse Universe

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



81, 51.885, 326.222



77, 61.777, 326.549



79, 37.199, 346.775



50, 9.056, 324.951



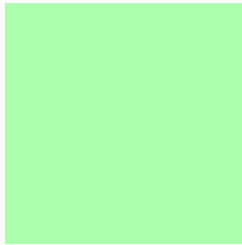
45, 93.070, 328.239



12, 42.818, 328.238

Previews

White Background



This preview shows how the CIE LCh color 93, 51.914, 142.086 looks on a white background.

Color Contrast Check

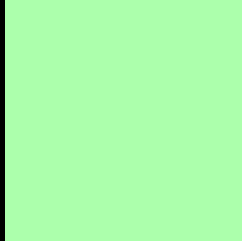
Large Text (above 18pt) WCAG AA × Fail

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 93, 51.914, 142.086 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

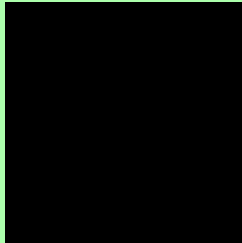
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 93, 51.914, 142.086

Background



This preview shows how black text looks on a background with the CIELCh color 93, 51.914, 142.086.

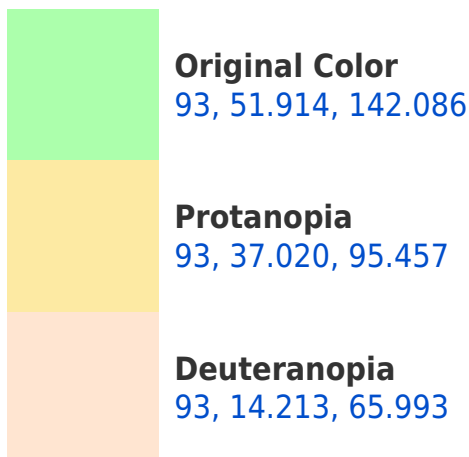


This preview shows how white text looks on a background with the CIELCh color 93, 51.914, 142.086.

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



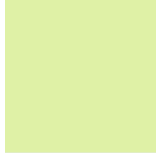


Tritanopia
93, 14.276, 229.291

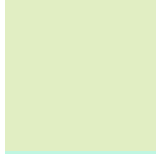
Trichromacy



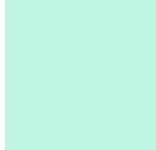
Original Color
93, 51.914, 142.086



Protanomaly
92, 38.706, 117.523

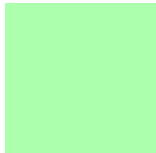


Deuteranomaly
92, 22.594, 120.847

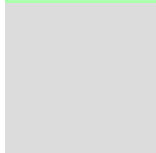


Tritanomaly
93, 21.705, 168.027

Monochromacy



Original Color
93, 51.914, 142.086



Achromatopsia
88, 0.010, 296.813



Achromatomaly
89, 19.714, 143.642

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 51.914, 142.086 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(172, 255, 172)` looks like.

```
.text, #text, p{  
    color:rgb(172, 255, 172)  
}
```

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(172, 255, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 255, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 51.914, 142.086 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(172, 255, 172) }
```

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

```
.border{ border-color:rgb(172, 255, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 255, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 255, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 255, 172);  
box-shadow:4px 4px 4px 4px rgb(172, 255,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 51.914, 142.086 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 255, 172) }
```

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

```
.background{ background-color: rgb(172,  
255, 172) }
```

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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