

Converting Colors

CIELCh(93, 51.059, 144.449)

Have a look what the booklet for
CIELCh(93, 51.059, 144.449)
contains.

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Color

CIELCh(93, 51.059, 144.449)

Conversions

Conversions Part 1

Format	Color
Hex	A8FFB0
RGB	168, 255, 176
RGB Percent	66%, 100%, 69%
CMY	0.3412, 0.0000, 0.3099
CMYK	0.34, 0.00, 0.31, 0.00
HSL	126°, 100%, 83%
HSV	126°, 34%, 100%
XYZ	59.7352, 82.9670, 53.9326
YIQ	219.9810, -26.4930, -43.0130

Conversions

Conversions Part 2

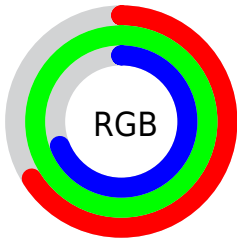
Format	Color
RYB	168, 248, 255
Decimal	11075504
CIELab	93.00, -41.54, 29.69
CIELCh	93, 51.059, 144.449
Yxy	82.9670, 0.3038, 0.4219
Android (android.graphics.Color)	4289265584 (0xFFA8FFB0)
YUV	219.9810, -21.6826, -45.5873
Hunter-Lab	91.0862, -42.3390, 28.6545

Details

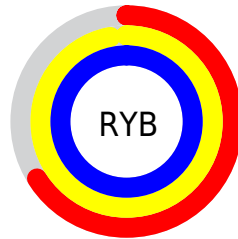
The CIELCh color **93, 51.059, 144.449** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **80, 51.062, 329.023**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 15.890, 150.939**, and **73, 51.243, 144.597** is the 20% darker color. If you saturate the color by 10%, you get **92, 65.443, 143.400**, and if you desaturate by 10%, it is **95, 36.192, 145.359**.

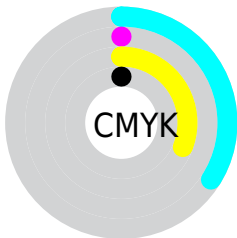
Distribution



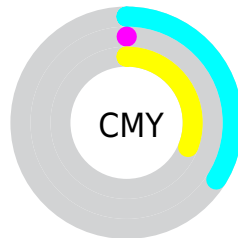
- Red (66%)
- Green (100%)
- Blue (69%)



- Red (66%)
- Yellow (97%)
- Blue (100%)



- Cyan (34%)
- Magenta (0%)
- Yellow (31%)
- Black (0%)



- Cyan (34%)
- Magenta (0%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 51.059, 144.449 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, 51.059, 144.449 by changing the saturation by 10% instead.


 93, 51.059,
144.449


 93, 51.059,
144.449


 100, 51.059,
144.449


 83, 51.059,
144.449

 73, 51.059,
144.449

 63, 51.059,
144.449


 53, 51.059,
144.449

 43, 51.059,
144.449


 33, 51.059,
144.449


 23, 51.059,


144.449


 13, 51.059,
144.449


 3, 51.059, 144.449


 93, 51.059,
144.449


 93, 51.059,
144.449

 92, 65.443,
143.400


 95, 36.192,
145.359

 90, 78.977,
142.212

 97, 21.136,
146.141

 89, 91.243,
140.909

 99, 6.122, 146.842

 89, 101.780,
139.549

100, 0.018,
306.844

■ 88, 110.117,
138.238

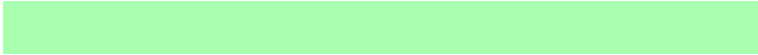
■ 88, 115.860,
137.114

■ 88, 118.006,
136.628

Harmonies

Complementary

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



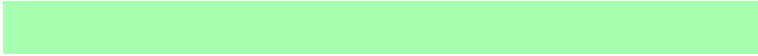
93, 51.059, 144.449



80, 51.062, 329.023

Rectangle

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



93, 51.059, 144.449



93, 51.059, 194.449



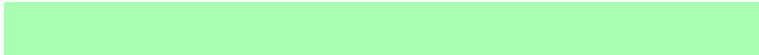
93, 51.059, 324.449



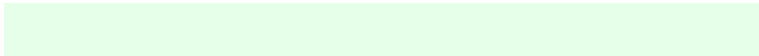
93, 51.059, 14.449

Sweetspot

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



93, 51.061, 144.449



98, 14.934, 146.434



98, 43.609, 110.566



52, 10.198, 146.335



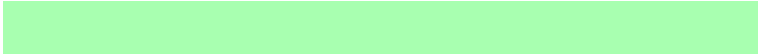
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

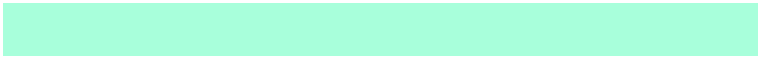
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 51.061, 144.449



92, 61.030, 143.743



94, 34.981, 164.975



52, 8.488, 146.468



68, 94.674, 136.792



22, 41.814, 138.563

Inverse Universe

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



80, 51.062, 329.023



76, 60.911, 329.423



78, 37.261, 352.032



50, 8.504, 327.557



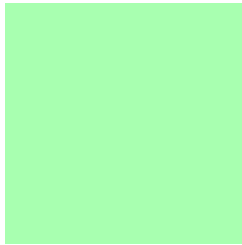
44, 86.588, 332.279



12, 40.183, 331.748

Previews

White Background



This preview shows how the CIE LCh color 93, 51.059, 144.449 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, 51.059, 144.449 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, 51.059, 144.449

Background



This preview shows how black text looks on a background with the CIELCh color 93, 51.059, 144.449.

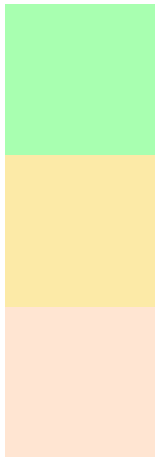


This preview shows how white text looks on a background with the CIELCh color 93, 51.059, 144.449.

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
93, 51.059, 144.449

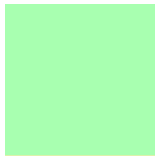
Protanopia
93, 34.965, 95.645

Deuteranopia
93, 13.830, 64.608

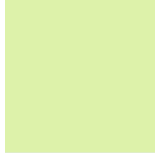


Tritanopia
93, 14.815, 228.040

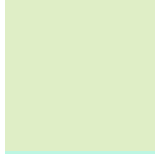
Trichromacy



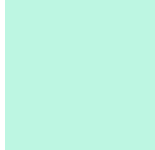
Original Color
93, 51.059, 144.449



Protanomaly
92, 37.467, 119.725



Deuteranomaly
92, 21.298, 123.721

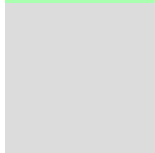


Tritanomaly
93, 22.268, 170.303

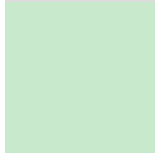
Monochromacy



Original Color
93, 51.059, 144.449



Achromatopsia
88, 0.010, 296.813



Achromatomaly
89, 19.080, 146.227

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 51.059, 144.449 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(168, 255, 176)` looks like.

```
.text, #text, p{  
    color:rgb(168, 255, 176)  
}
```

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(168, 255, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 255, 176) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 51.059, 144.449 is called "border". The border property can be set on classes, ids or directly on the HTML element.

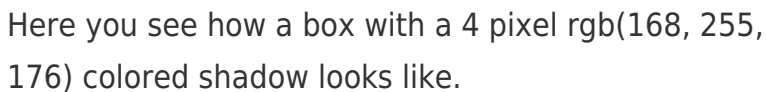
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(168, 255, 176) }
```

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

```
.border{ border-color:rgb(168, 255, 176) }
```

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



Here you see how a box with a 4 pixel `rgb(168, 255, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(168, 255, 176); -webkit-box-shadow:4px 4px 4px 4px rgb(168, 255, 176); box-shadow:4px 4px 4px 4px rgb(168, 255, 176) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 51.059, 144.449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 255, 176) }
```

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

```
.background{ background-color: rgb(168,  
255, 176) }
```

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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