

Converting Colors

CIELCh(93, 55.067, 141.895)

Have a look what the booklet for
CIELCh(93, 55.067, 141.895)
contains.

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Color

CIElCh(93, 54.976, 141.902)

Conversions

Conversions Part 1

Format	Color
Hex	A8FFA8
RGB	168, 255, 168
RGB Percent	66%, 100%, 66%
CMY	0.3429, 0.0000, 0.3430
CMYK	0.34, 0.00, 0.34, 0.00
HSL	120°, 100%, 83%
HSV	120°, 34%, 100%
XYZ	59.0175, 82.9670, 49.7187
YIQ	219.0690, -23.9250, -45.5010

Conversions

Conversions Part 2

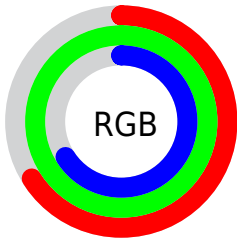
Format	Color
RYB	168, 255, 255
Decimal	11075496
CIELab	93.00, -43.26, 33.92
CIELCh	93, 54.976, 141.902
Yxy	82.9670, 0.3079, 0.4328
Android (android.graphics.Color)	4289265576 (0xFFA8FFA8)
YUV	219.0690, -25.1770, -44.7875
Hunter-Lab	91.0862, -43.7455, 31.3974

Details

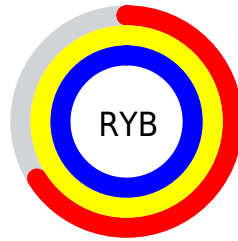
The CIELCh color **93, 54.976, 141.902** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **80, 54.602, 326.299**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 19.166, 142.888**, and **73, 54.627, 141.979** is the 20% darker color. If you saturate the color by 10%, you get **91, 69.863, 140.911**, and if you desaturate by 10%, it is **95, 38.847, 142.800**.

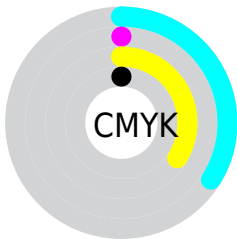
Distribution



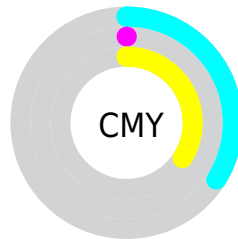
- Red (66%)
- Green (100%)
- Blue (66%)



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



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





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 93, 54.976, 141.902 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, 54.976, 141.902 by changing the saturation by 10% instead.


 93, 54.976,
141.902


 93, 54.976,
141.902


 100, 54.976,
141.902


 83, 54.976,
141.902

 73, 54.976,
141.902

 63, 54.976,
141.902


 53, 54.976,
141.902

 43, 54.976,
141.902

 33, 54.976,
141.902


 23, 54.976,


141.902


 13, 54.976,
141.902


 3, 54.976, 141.902


 93, 54.976,
141.902


 93, 54.976,
141.902

 91, 69.863,
140.911


 95, 38.847,
142.800

 90, 84.034,
139.803

 97, 22.811,
143.562

 89, 96.609,
138.653

 99, 6.812, 144.236

 88, 106.944,
137.567

100, 0.012,
296.813

■ 88, 114.396,
136.695

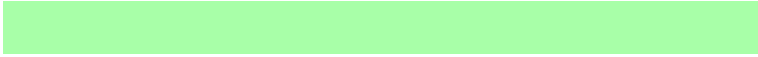
■ 88, 118.574,
136.171

■ 88, 119.777,
136.015

Harmonies

Complementary

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



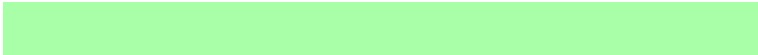
93, 54.976, 141.902



80, 54.602, 326.299

Rectangle

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



93, 54.976, 141.902



93, 54.976, 191.902



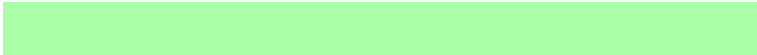
93, 54.976, 321.902



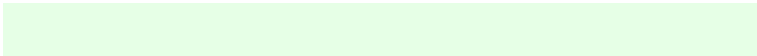
93, 54.976, 11.902

Sweetspot

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



93, 54.649, 141.917



98, 15.911, 143.857



98, 43.068, 106.114



52, 10.865, 143.762



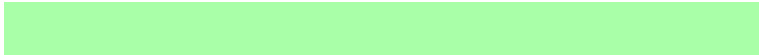
0, 0.000, 0.000



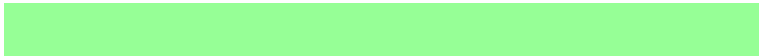
53, 0.007, 296.813

Same Dimension

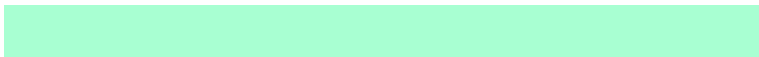
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 54.649, 141.917



92, 64.930, 141.256



94, 38.091, 159.483



52, 9.043, 143.890



68, 96.474, 136.015



22, 43.823, 136.773

Inverse Universe

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



80, 54.602, 326.299



76, 64.776, 326.636



78, 39.585, 346.022



50, 9.056, 324.941



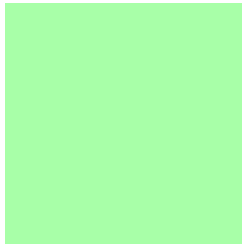
45, 93.084, 328.223



12, 42.823, 328.224

Previews

White Background



This preview shows how the CIE LCh color 93, 54.976, 141.902 looks on a white background.

Color Contrast Check

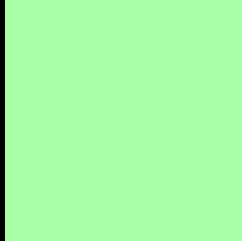
Large Text (above 18pt) WCAG AA × Fail

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, 54.976, 141.902 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

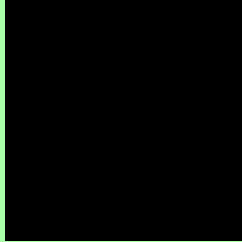
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 93, 54.976, 141.902

Background



This preview shows how black text looks on a background with the CIELCh color 93, 54.976, 141.902.

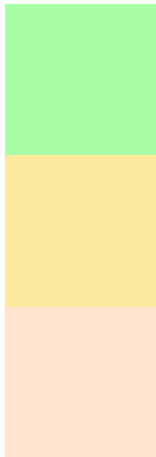


This preview shows how white text looks on a background with the CIELCh color 93, 54.976, 141.902.

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, 54.366, 141.939

Protanopia
92, 39.095, 95.248

Deuteranopia
92, 15.001, 68.540

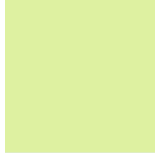


Tritanopia
93, 15.086, 227.449

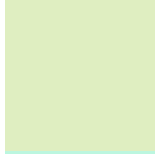
Trichromacy



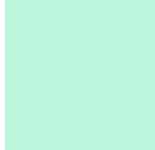
Original Color
93, 54.366, 141.939



Protanomaly
92, 41.209, 117.286



Deuteranomaly
92, 23.766, 122.008

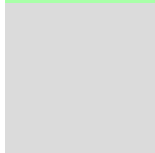


Tritanomaly
93, 23.409, 167.383

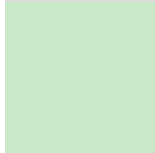
Monochromacy



Original Color
93, 54.366, 141.939



Achromatopsia
87, 0.010, 296.813



Achromatomaly
89, 20.372, 143.609

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 54.976, 141.902 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, 168)` looks like.

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

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, 168) colored shadow looks like.

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

Border

The CSS property to change the border of an element to CIELCh 93, 54.976, 141.902 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, 168) }
```

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

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

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, 168)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to CIELCh 93, 54.976, 141.902 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, 168) }
```

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

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

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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