

Converting Colors

CIELCh(93, 50.531, 146.365)

Have a look what the booklet for
CIELCh(93, 50.531, 146.365)
contains.

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Color

CIElCh(93, 50.449, 146.249)

Conversions

Conversions Part 1

Format	Color
Hex	A5FFB3
RGB	165, 255, 179
RGB Percent	65%, 100%, 70%
CMY	0.3520, 0.0000, 0.2971
CMYK	0.35, 0.00, 0.30, 0.00
HSL	129°, 100%, 82%
HSV	129°, 35%, 100%
XYZ	59.5660, 82.9670, 55.6461
YIQ	219.4260, -29.2440, -42.7160

Conversions

Conversions Part 2

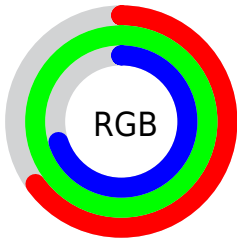
Format	Color
RYB	165, 243, 255
Decimal	10878899
CIELab	93.00, -41.95, 28.03
CIElCh	93, 50.449, 146.249
Yxy	82.9670, 0.3006, 0.4186
Android (android.graphics.Color)	4289068979 (0xFFA5FFB3)
YUV	219.4260, -19.9300, -47.7316
Hunter-Lab	91.0862, -42.6706, 27.5391

Details

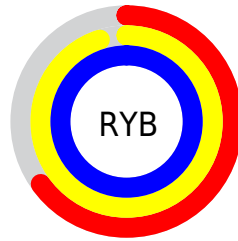
The CIELCh color **93, 50.449, 146.249** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **79, 50.389, 331.231**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 15.520, 157.359**, and **73, 50.585, 146.393** is the 20% darker color. If you saturate the color by 10%, you get **91, 64.007, 145.173**, and if you desaturate by 10%, it is **95, 36.129, 147.218**.

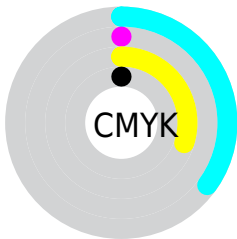
Distribution



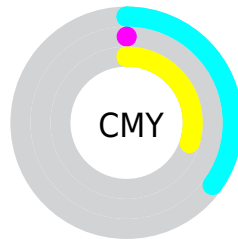
- Red (65%)
- Green (100%)
- Blue (70%)



- Red (65%)
- Yellow (95%)
- Blue (100%)



- Cyan (35%)
- Magenta (0%)
- Yellow (30%)
- Black (0%)





- Cyan (35%)
- Magenta (0%)
- Yellow (30%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 50.449, 146.249 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, 50.449, 146.249 by changing the saturation by 10% instead.

 93, 50.449,
146.249


 93, 50.449,
146.249


 100, 50.449,
146.249


 83, 50.449,
146.249

 73, 50.449,
146.249

 63, 50.449,
146.249


 53, 50.449,
146.249

 43, 50.449,
146.249


 33, 50.449,
146.249


 23, 50.449,


146.249


 13, 50.449,
146.249


 3, 50.449, 146.249


 93, 50.449,
146.249


 93, 50.449,
146.249

 91, 64.007,
145.173


 95, 36.129,
147.218

 90, 76.916,
143.920

 97, 21.752,
148.036

 89, 88.676,
142.521

 99, 7.393, 148.763

 89, 98.918,
141.014

100, 0.012,
296.813

■ 88, 107.289,
139.477

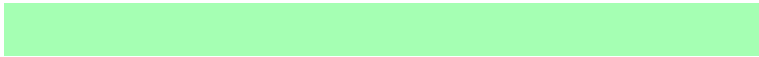
■ 88, 113.491,
138.032

■ 88, 115.698,
137.448

Harmonies

Complementary

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



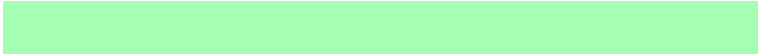
93, 50.449, 146.249



79, 50.389, 331.231

Rectangle

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



93, 50.449, 146.249



93, 50.449, 196.249



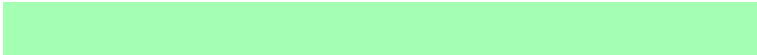
93, 50.449, 326.249



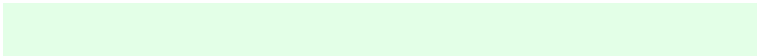
93, 50.449, 16.249

Sweetspot

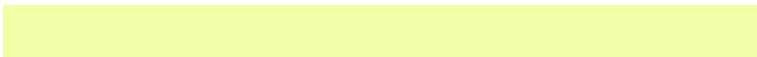
The Sweet Spot groups the original color and five complimentary colors.



93, 50.305, 146.270



97, 15.709, 148.347



97, 45.177, 113.407



52, 10.563, 148.248



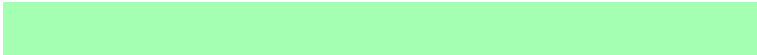
0, 0.000, 0.000



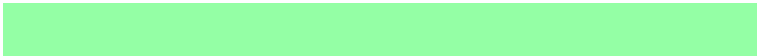
53, 0.007, 296.813

Same Dimension

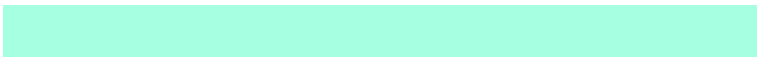
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 50.305, 146.270



92, 59.693, 145.541



94, 34.192, 168.981



52, 8.111, 148.455



68, 92.656, 137.686



23, 40.445, 139.914

Inverse Universe

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



79, 50.389, 331.231



75, 59.668, 331.673



77, 37.304, 356.601



50, 8.132, 329.585



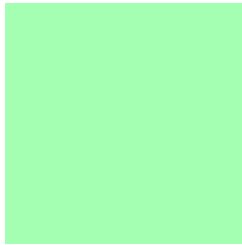
44, 82.384, 335.611



12, 38.453, 334.587

Previews

White Background



This preview shows how the CIE LCh color 93, 50.449, 146.249 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, 50.449, 146.249 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, 50.449, 146.249

Background



This preview shows how black text looks on a background with the CIELCh color 93, 50.449, 146.249.

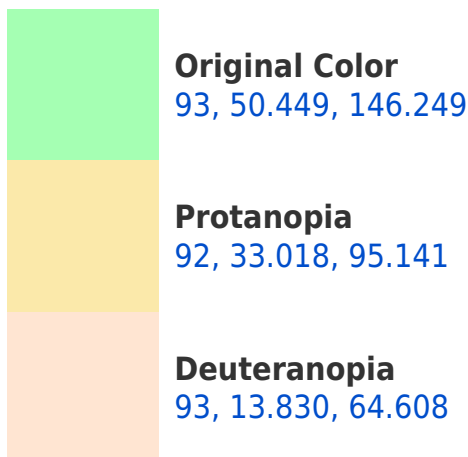


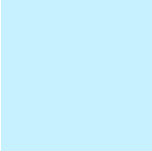
This preview shows how white text looks on a background with the CIELCh color 93, 50.449, 146.249.

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](#).

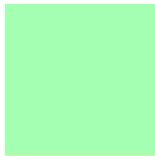
Dichromacy



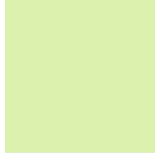


Tritanopia
93, 15.086, 227.449

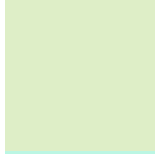
Trichromacy



Original Color
93, 50.449, 146.249



Protanomaly
92, 35.550, 120.506



Deuteranomaly
92, 20.914, 125.067

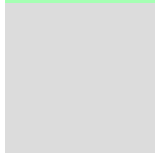


Tritanomaly
93, 22.567, 172.127

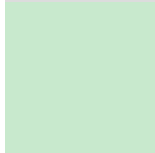
Monochromacy



Original Color
93, 50.449, 146.249



Achromatopsia
88, 0.010, 296.813



Achromatomaly
89, 18.889, 147.978

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 50.449, 146.249 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(165, 255, 179)` looks like.

```
.text, #text, p{  
    color:rgb(165, 255, 179)  
}
```

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(165, 255, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 255, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 50.449, 146.249 is called "border". The border property can be set on classes, ids or directly on the HTML element.

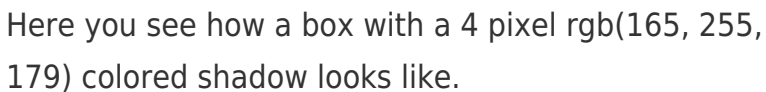
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(165, 255, 179) }
```

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

```
.border{ border-color:rgb(165, 255, 179) }
```

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



Here you see how a box with a 4 pixel `rgb(165, 255, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(165, 255, 179); -webkit-box-shadow:4px 4px 4px 4px rgb(165, 255, 179); box-shadow:4px 4px 4px 4px rgb(165, 255, 179) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 50.449, 146.249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 255, 179) }
```

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

```
.background{ background-color: rgb(165,  
255, 179) }
```

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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