

Converting Colors

CIELCh(97, 63.645, 143.003)

Have a look what the booklet for
CIELCh(97, 63.645, 143.003)
contains.

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Color

CIELCh(93, 54.937, 143.496)

Conversions

Conversions Part 1

Format	Color
Hex	A4FFAA
RGB	164, 255, 170
RGB Percent	64%, 100%, 67%
CMY	0.3569, 0.0000, 0.3335
CMYK	0.36, 0.00, 0.33, 0.00
HSL	124°, 100%, 82%
HSV	124°, 36%, 100%
XYZ	58.6466, 82.9670, 50.9291
YIQ	218.1010, -26.9510, -45.7270

Conversions

Conversions Part 2

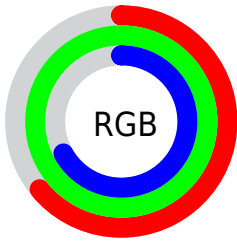
Format	Color
RYB	164, 249, 255
Decimal	10813354
CIELab	93.00, -44.16, 32.68
CIELCh	93, 54.937, 143.496
Yxy	82.9670, 0.3046, 0.4309
Android (android.graphics.Color)	4289003434 (0xFFA4FFAA)
YUV	218.1010, -23.7138, -47.4466
Hunter-Lab	91.0862, -44.4723, 30.6095

Details

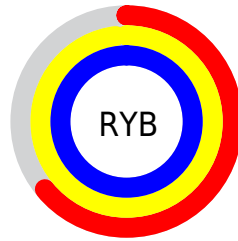
The CIELCh color **93, 54.937, 143.496** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **79, 54.306, 328.287**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 18.965, 147.110**, and **73, 54.557, 143.555** is the 20% darker color. If you saturate the color by 10%, you get **91, 68.867, 142.485**, and if you desaturate by 10%, it is **94, 39.265, 144.464**.

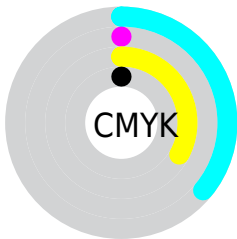
Distribution



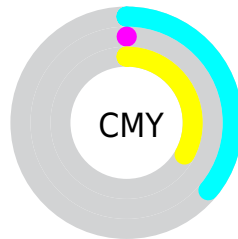
- Red (64%)
- Green (100%)
- Blue (67%)



- Red (64%)
- Yellow (98%)
- Blue (100%)



- Cyan (36%)
- Magenta (0%)
- Yellow (33%)
- Black (0%)



- Cyan (36%)
- Magenta (0%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 54.937, 143.496 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, 54.937, 143.496 by changing the saturation by 10% instead.

■ 93, 54.937,
143.496

■ 93, 54.937,
143.496

■ 100, 54.937,
143.496

■ 83, 54.937,
143.496

■ 73, 54.937,
143.496

■ 63, 54.937,
143.496

■ 53, 54.937,
143.496

■ 43, 54.937,
143.496

■ 33, 54.937,
143.496

■ 23, 54.937,

143.496

 13, 54.937,
143.496


 3, 54.937, 143.496


 93, 54.937,
143.496


 93, 54.937,
143.496

 91, 68.867,
142.485


 94, 39.265,
144.464

 90, 82.423,
141.301

 96, 23.940,
145.258

 89, 94.556,
140.026

 99, 8.625, 145.954

 88, 104.750,
138.741

100, 0.012,
296.813

■ 88, 112.492,
137.569

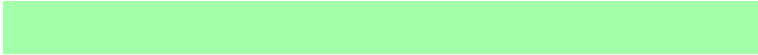
■ 88, 117.397,
136.653

■ 88, 118.671,
136.398

Harmonies

Complementary

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



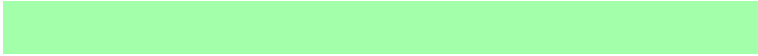
93, 54.937, 143.496



79, 54.306, 328.287

Rectangle

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



93, 54.937, 143.496



93, 54.937, 193.496



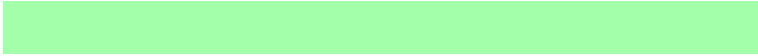
93, 54.937, 323.496



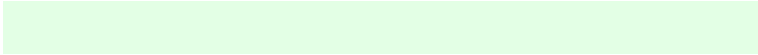
93, 54.937, 13.496

Sweetspot

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



93, 54.348, 143.543



97, 16.744, 145.592



98, 45.481, 108.950



52, 11.260, 145.498



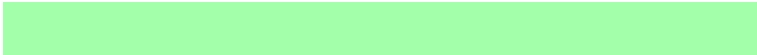
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

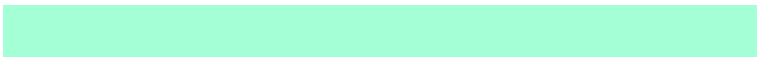
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 54.348, 143.543



92, 65.039, 142.783



94, 37.498, 162.869



52, 8.646, 145.695



68, 95.278, 136.529



22, 42.388, 138.031

Inverse Universe

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



79, 54.306, 328.287



75, 64.837, 328.690



77, 39.667, 350.146



50, 8.661, 326.771



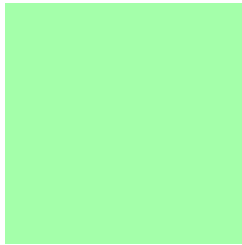
45, 88.410, 331.030



12, 40.926, 330.672

Previews

White Background



This preview shows how the CIE LCh color 93, 54.937, 143.496 looks on a white background.

Color Contrast Check

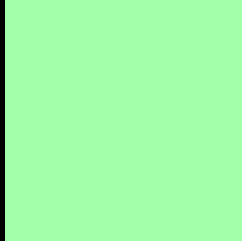
Large Text (above 18pt) WCAG AA × Fail

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, 54.937, 143.496 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

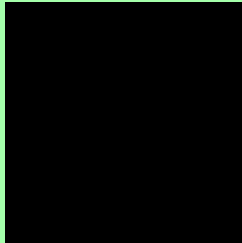
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 93, 54.937, 143.496

Background



This preview shows how black text looks on a background with the CIELCh color 93, 54.937, 143.496.

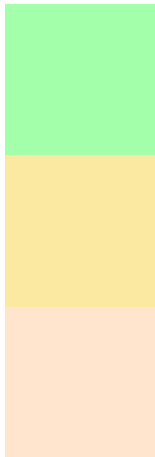


This preview shows how white text looks on a background with the CIELCh color 93, 54.937, 143.496.

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](#).

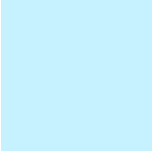
Dichromacy



Original Color
93, 54.328, 143.555

Protanopia
92, 37.538, 95.542

Deuteranopia
92, 15.272, 67.456

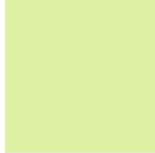


Tritanopia
93, 15.630, 226.334

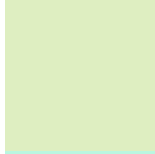
Trichromacy



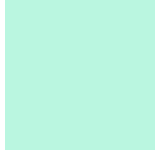
Original Color
93, 54.328, 143.555



Protanomaly
92, 39.917, 118.822



Deuteranomaly
92, 23.863, 122.865

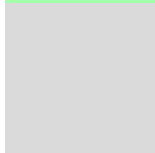


Tritanomaly
92, 23.674, 169.155

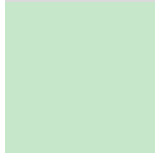
Monochromacy



Original Color
93, 54.328, 143.555



Achromatopsia
87, 0.010, 296.813



Achromatomaly
89, 19.752, 146.104

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 54.937, 143.496 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(164, 255, 170)` looks like.

```
.text, #text, p{  
    color:rgb(164, 255, 170)  
}
```

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(164, 255, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 255, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 54.937, 143.496 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(164, 255, 170) }
```

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

```
.border{ border-color:rgb(164, 255, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 255, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 255, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 255, 170);  
box-shadow:4px 4px 4px 4px rgb(164, 255,  
170) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 54.937, 143.496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 255, 170) }
```

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

```
.background{ background-color: rgb(164,  
255, 170) }
```

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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