

Converting Colors

CIELCh(93, 48.483, 148.955)

Have a look what the booklet for
CIELCh(93, 48.483, 148.955)
contains.

CIELCh(93, 48.462, 148.946)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(93, 48.462, 148.946)

Conversions

Conversions Part 1

Format	Color
Hex	A3FFB9
RGB	163, 255, 185
RGB Percent	64%, 100%, 73%
CMY	0.3600, 0.0000, 0.2738
CMYK	0.36, 0.00, 0.27, 0.00
HSL	134°, 100%, 82%
HSV	134°, 36%, 100%
XYZ	59.7457, 82.9670, 58.8695
YIQ	219.5120, -32.3620, -41.2740

Conversions

Conversions Part 2

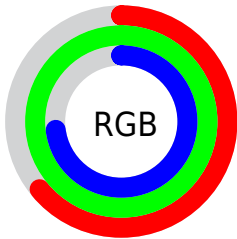
Format	Color
RYB	163, 237, 255
Decimal	10747833
CIELab	93.00, -41.52, 25.00
CIELCh	93, 48.462, 148.946
Yxy	82.9670, 0.2964, 0.4116
Android (android.graphics.Color)	4288937913 (0xFFA3FFB9)
YUV	219.5120, -17.0144, -49.5610
Hunter-Lab	91.0862, -42.3185, 25.4409

Details

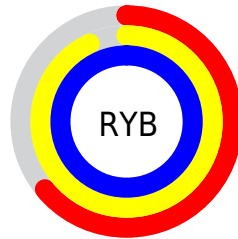
The CIELCh color **93, 48.462, 148.946** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **78, 48.641, 334.437**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 14.160, 168.189**, and **73, 48.501, 149.158** is the 20% darker color. If you saturate the color by 10%, you get **92, 61.180, 147.818**, and if you desaturate by 10%, it is **95, 35.053, 149.968**.

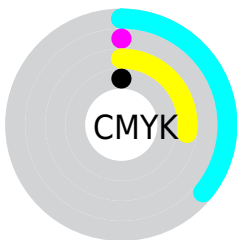
Distribution



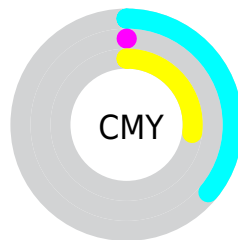
- Red (64%)
- Green (100%)
- Blue (73%)



- Red (64%)
- Yellow (93%)
- Blue (100%)



- Cyan (36%)
- Magenta (0%)
- Yellow (27%)
- Black (0%)




- Cyan (36%)
- Magenta (0%)
- Yellow (27%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 48.462, 148.946 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, 48.462, 148.946 by changing the saturation by 10% instead.

 93, 48.462,
148.946


 93, 48.462,
148.946


 100, 48.462,
148.946


 83, 48.462,
148.946

 73, 48.462,
148.946

 63, 48.462,
148.946

 53, 48.462,
148.946

 43, 48.462,
148.946

 33, 48.462,
148.946

 23, 48.462,

148.946

■ 13, 48.462,
148.946

■ 3, 48.462, 148.946

■ 93, 48.462,
148.946

■ 93, 48.462,
148.946

■ 92, 61.180,
147.818

■ 95, 35.053,
149.968

■ 90, 73.285,
146.494

■ 97, 21.551,
150.832

■ 89, 84.372,
144.993

■ 99, 8.039, 151.603

■ 89, 94.167,
143.333

100, 0.012,
296.813

■ 88, 102.436,
141.561

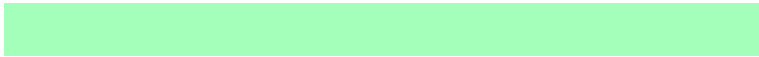
■ 88, 109.013,
139.770

■ 88, 111.202,
139.111

Harmonies

Complementary

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



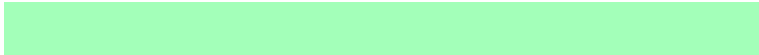
93, 48.462, 148.946



78, 48.641, 334.437

Rectangle

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



93, 48.462, 148.946



93, 48.462, 198.946



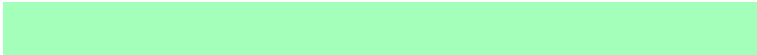
93, 48.462, 328.946



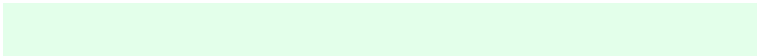
93, 48.462, 18.946

Sweetspot

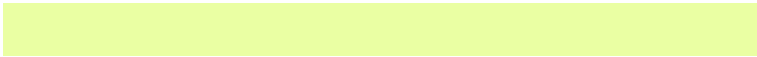
The Sweet Spot groups the original color and five complimentary colors.



93, 48.344, 148.971



98, 14.784, 151.224



97, 46.644, 116.927



52, 9.940, 151.120



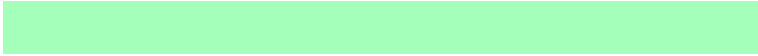
0, 0.000, 0.000



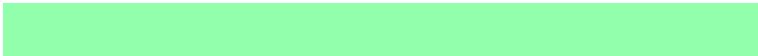
53, 0.007, 296.813

Same Dimension

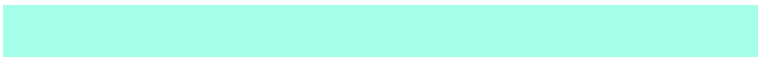
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 48.344, 148.971



92, 57.391, 148.181



94, 32.802, 174.665



52, 7.634, 151.338



68, 88.897, 139.430



23, 38.462, 142.080

Inverse Universe

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



78, 48.641, 334.437



74, 57.643, 334.977



77, 37.097, 2.632



50, 7.664, 332.540



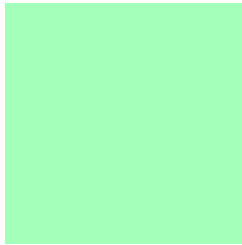
43, 77.415, 340.705



11, 36.365, 338.853

Previews

White Background



This preview shows how the CIE LCh color 93, 48.462, 148.946 looks on a white background.

Color Contrast Check

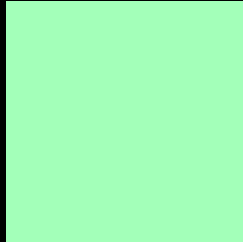
Large Text (above 18pt) WCAG AA × Fail

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, 48.462, 148.946 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

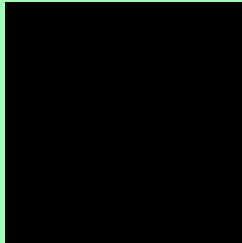
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

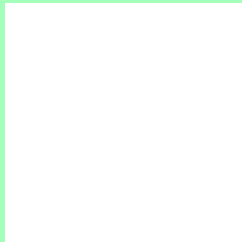
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 48.462, 148.946

Background



This preview shows how black text looks on a background with the CIELCh color 93, 48.462, 148.946.

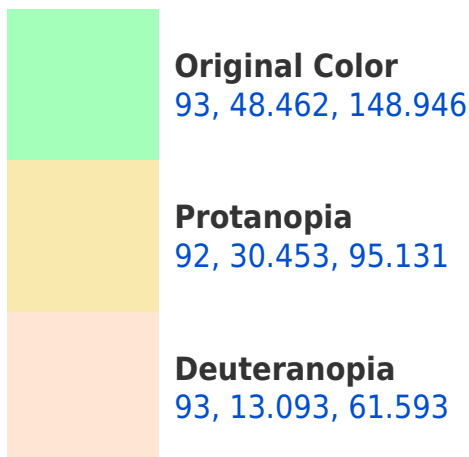


This preview shows how white text looks on a background with the CIELCh color 93, 48.462, 148.946.

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



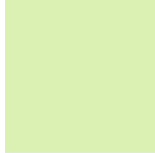


Tritanopia
93, 15.358, 226.881

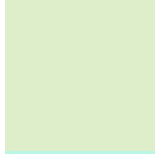
Trichromacy



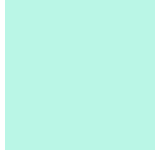
Original Color
93, 48.462, 148.946



Protanomaly
92, 32.835, 123.084



Deuteranomaly
92, 19.447, 126.391

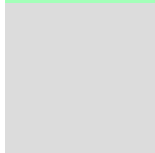


Tritanomaly
93, 22.104, 175.966

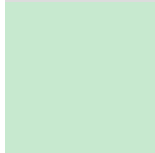
Monochromacy



Original Color
93, 48.462, 148.946



Achromatopsia
88, 0.010, 296.813



Achromatomaly
89, 18.315, 150.795

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 48.462, 148.946 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(163, 255, 185)` looks like.

```
.text, #text, p{  
    color:rgb(163, 255, 185)  
}
```

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(163, 255, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 255, 185) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 48.462, 148.946 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(163, 255, 185) }
```

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

```
.border{ border-color:rgb(163, 255, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 255, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 255, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 255, 185);  
box-shadow:4px 4px 4px 4px rgb(163, 255,  
185) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 48.462, 148.946 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 255, 185) }
```

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

```
.background{ background-color: rgb(163,  
255, 185) }
```

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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