

Converting Colors

CIELCh(93, 48.957, 142.258)

Have a look what the booklet for
CIELCh(93, 48.957, 142.258)
contains.

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Color

CIELCh(93, 48.866, 142.254)

Conversions

Conversions Part 1

Format	Color
Hex	B0FEB0
RGB	176, 254, 176
RGB Percent	69%, 100%, 69%
CMY	0.3112, 0.0053, 0.3111
CMYK	0.31, 0.00, 0.31, 0.01
HSL	120°, 97%, 84%
HSV	120°, 31%, 99%
XYZ	60.9575, 82.9670, 53.7010
YIQ	221.7860, -21.4500, -40.7940

Conversions

Conversions Part 2

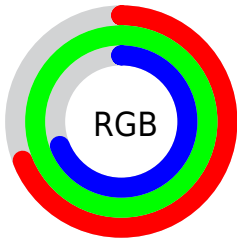
Format	Color
RYB	176, 254, 254
Decimal	11599536
CIELab	93.00, -38.64, 29.91
CIELCh	93, 48.866, 142.254
Yxy	82.9670, 0.3084, 0.4198
Android (android.graphics.Color)	4289789616 (0xFFB0FEB0)
YUV	221.7860, -22.5725, -40.1543
Hunter-Lab	91.0862, -39.9436, 28.8052

Details

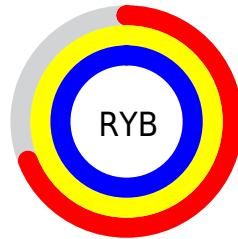
The CIELCh color **93, 48.866, 142.254** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **81, 48.852, 326.123**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 14.140, 142.794**, and **73, 48.843, 142.249** is the 20% darker color. If you saturate the color by 10%, you get **91, 64.271, 141.291**, and if you desaturate by 10%, it is **95, 33.015, 143.093**.

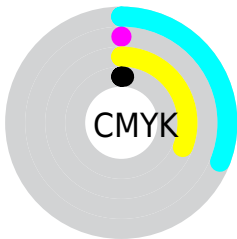
Distribution



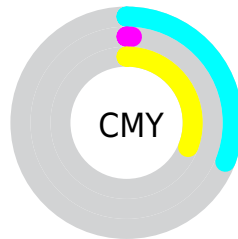
- Red (69%)
- Green (100%)
- Blue (69%)



- Red (69%)
- Yellow (100%)
- Blue (100%)



- Cyan (31%)
- Magenta (0%)
- Yellow (31%)
- Black (1%)




- Cyan (31%)
- Magenta (1%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 93, 48.866, 142.254 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, 48.866, 142.254 by changing the saturation by 10% instead.


 93, 48.866,
142.254

 93, 48.866,
142.254


 100, 48.866,
142.254


 83, 48.866,
142.254

 73, 48.866,
142.254

 63, 48.866,
142.254

 53, 48.866,
142.254

 43, 48.866,
142.254

 33, 48.866,
142.254

 23, 48.866,


142.254


 13, 48.866,
142.254


 3, 48.866, 142.254


 93, 48.866,
142.254


 93, 48.866,
142.254

 91, 64.271,
141.291


 95, 33.015,
143.093

 90, 78.810,
140.215

 97, 17.035,
143.816

 89, 91.967,
139.070

 99, 1.167, 144.668

 88, 103.130,
137.944

100, 0.850,
324.107

■ 88, 111.642,
136.977

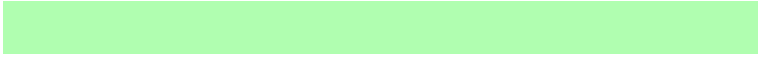
■ 87, 116.983,
136.316

■ 87, 119.294,
136.017

Harmonies

Complementary

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



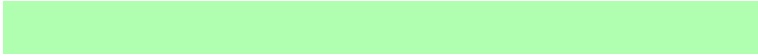
93, 48.866, 142.254



81, 48.852, 326.123

Rectangle

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



93, 48.866, 142.254



93, 48.866, 192.254



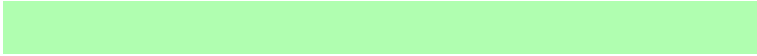
93, 48.866, 322.254



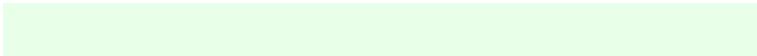
93, 48.866, 12.254

Sweetspot

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



93, 48.868, 142.254



98, 14.309, 143.933



98, 39.148, 107.179



52, 9.953, 143.836



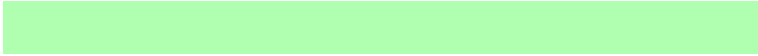
0, 0.000, 0.000



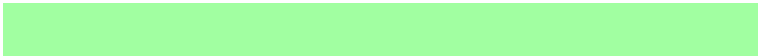
53, 0.007, 296.813

Same Dimension

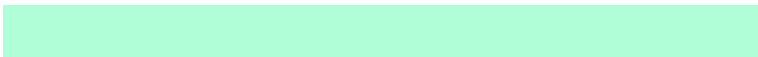
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 48.868, 142.254



92, 58.828, 141.665



94, 33.662, 160.748



52, 9.043, 143.900



68, 96.472, 136.017



22, 43.823, 136.779

Inverse Universe

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



81, 48.852, 326.123



78, 58.745, 326.447



80, 34.971, 346.561



50, 9.056, 324.950



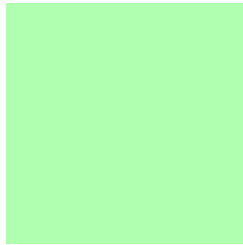
45, 93.074, 328.237



12, 42.819, 328.237

Previews

White Background



This preview shows how the CIELCh color 93, 48.866, 142.254 looks on a white background.

Color Contrast Check

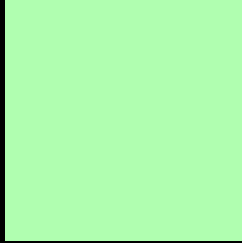
Large Text (above 18pt) WCAG AA × Fail

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, 48.866, 142.254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

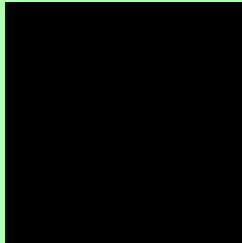
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 93, 48.866, 142.254

Background



This preview shows how black text looks on a background with the CIELCh color 93, 48.866, 142.254.

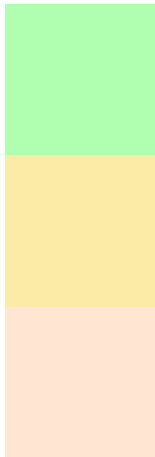


This preview shows how white text looks on a background with the CIELCh color 93, 48.866, 142.254.

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, 48.866, 142.254

Protanopia
93, 34.965, 95.645

Deuteranopia
93, 13.830, 64.608

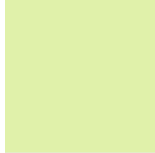


Tritanopia
93, 13.991, 232.561

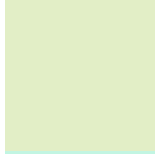
Trichromacy



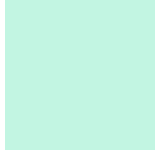
Original Color
93, 48.866, 142.254



Protanomaly
92, 36.679, 117.606



Deuteranomaly
92, 21.015, 120.831

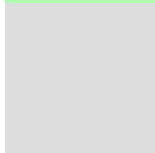


Tritanomaly
93, 20.297, 169.167

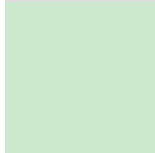
Monochromacy



Original Color
93, 48.866, 142.254



Achromatopsia
88, 0.010, 296.813



Achromatomaly
90, 17.794, 143.731

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 48.866, 142.254 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(176, 254, 176)` looks like.

```
.text, #text, p{  
    color:rgb(176, 254, 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(176, 254, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 254, 176) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 48.866, 142.254 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(176, 254, 176) }
```

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

```
.border{ border-color:rgb(176, 254, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 254, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 254, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 254, 176);  
box-shadow:4px 4px 4px 4px rgb(176, 254,  
176) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 48.866, 142.254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 254, 176) }
```

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

```
.background{ background-color: rgb(176,  
254, 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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