

Converting Colors

CIELCh(94, 50.066, 138.448)

Have a look what the booklet for
CIELCh(94, 50.066, 138.448)
contains.

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Color

CIELCh(94, 49.592, 138.541)

Conversions

Conversions Part 1

Format	Color
Hex	B9FFAD
RGB	185, 255, 173
RGB Percent	73%, 100%, 68%
CMY	0.2757, 0.0000, 0.3228
CMYK	0.28, 0.00, 0.32, 0.00
HSL	111°, 100%, 84%
HSV	111°, 32%, 100%
XYZ	63.4439, 85.2715, 52.4909
YIQ	224.7220, -15.3980, -40.3420

Conversions

Conversions Part 2

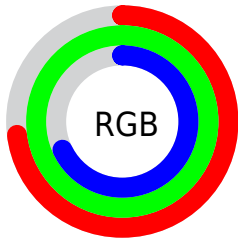
Format	Color
RYB	173, 255, 243
Decimal	12189613
CIELab	94.00, -37.17, 32.83
CIELCh	94, 49.592, 138.541
Yxy	85.2715, 0.3153, 0.4238
Android (android.graphics.Color)	4290379693 (0xFFB9FFAD)
YUV	224.7220, -25.4989, -34.8362
Hunter-Lab	92.3426, -38.9613, 30.9372

Details

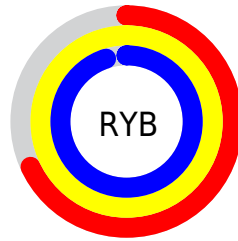
The CIELCh color **94, 49.592, 138.541** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **80, 49.651, 321.897**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 14.030, 128.622**, and **74, 48.956, 138.494** is the 20% darker color. If you saturate the color by 10%, you get **92, 63.976, 137.780**, and if you desaturate by 10%, it is **95, 33.972, 139.195**.

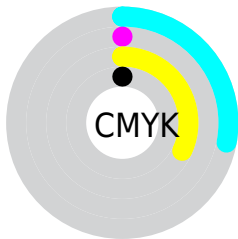
Distribution



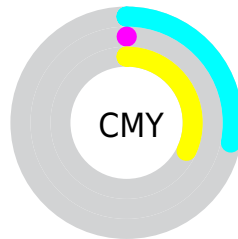
- Red (73%)
- Green (100%)
- Blue (68%)



- Red (68%)
- Yellow (100%)
- Blue (95%)



- Cyan (28%)
- Magenta (0%)
- Yellow (32%)
- Black (0%)




- Cyan (28%)
- Magenta (0%)
- Yellow (32%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 49.592, 138.541 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 94, 49.592, 138.541 by changing the saturation by 10% instead.


 94, 49.592,
138.541


 94, 49.592,
138.541

 100, 49.592,
138.541


 84, 49.592,
138.541

 74, 49.592,
138.541

 64, 49.592,
138.541

 54, 49.592,
138.541

 44, 49.592,
138.541

 34, 49.592,
138.541

 24, 49.592,

138.541

■ 14, 49.592,
138.541

■ 4, 49.592, 138.541

■ 94, 49.592,
138.541

■ 94, 49.592,
138.541

■ 92, 63.976,
137.780

■ 95, 33.972,
139.195

■ 91, 78.056,
136.998

■ 97, 18.665,
139.794

■ 90, 90.936,
136.235

■ 99, 3.435, 140.371

■ 89, 102.024,
135.590

100, 0.012,
296.813

■ 89, 110.652,
135.194

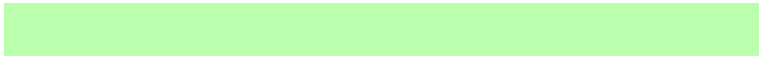
■ 88, 116.276,
135.166

■ 88, 118.690,
135.348

Harmonies

Complementary

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



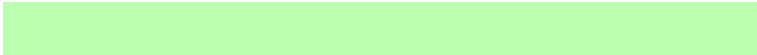
94, 49.592, 138.541



80, 49.651, 321.897

Rectangle

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



94, 49.592, 138.541



94, 49.592, 188.541



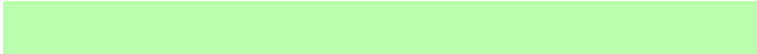
94, 49.592, 318.541



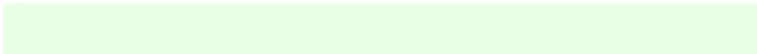
94, 49.592, 8.541

Sweetspot

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



94, 49.163, 138.522



98, 15.181, 139.921



95, 35.803, 99.603



52, 10.366, 139.843



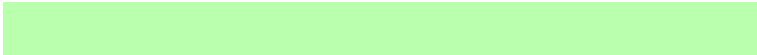
0, 0.000, 0.000



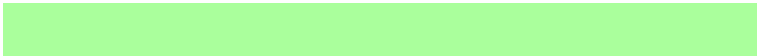
53, 0.007, 296.813

Same Dimension

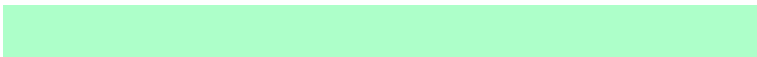
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 49.163, 138.522



93, 59.180, 138.030



94, 39.911, 153.593



52, 8.629, 139.948



68, 95.441, 135.225



23, 42.670, 134.759

Inverse Universe

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



80, 49.651, 321.897



76, 59.835, 322.188



80, 40.561, 338.923



50, 8.666, 320.825



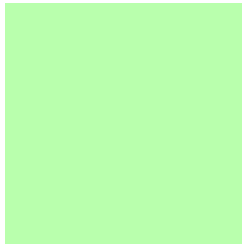
41, 94.180, 322.628



10, 43.239, 323.277

Previews

White Background



This preview shows how the CIE LCh color 94, 49.592, 138.541 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 94, 49.592, 138.541 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

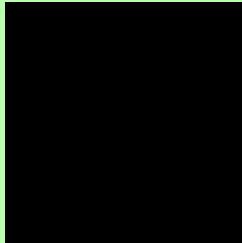
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 94, 49.592, 138.541

Background



This preview shows how black text looks on a background with the CIELCh color 94, 49.592, 138.541.

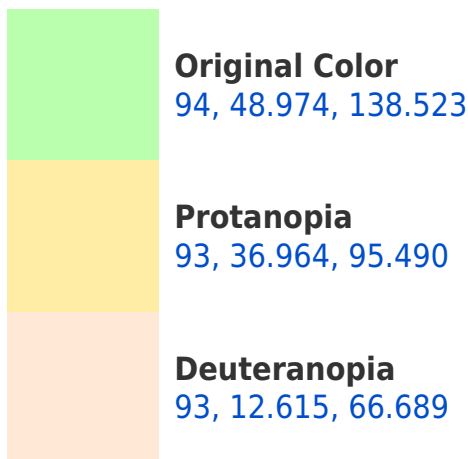


This preview shows how white text looks on a background with the CIELCh color 94, 49.592, 138.541.

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



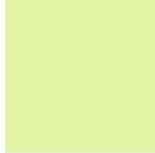


Tritanopia
94, 11.908, 236.382

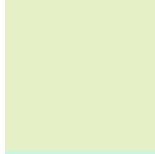
Trichromacy



Original Color
94, 48.974, 138.523



Protanomaly
93, 38.383, 115.299

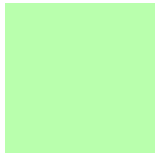


Deuteranomaly
93, 21.400, 119.564

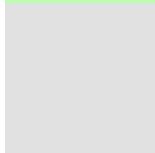


Tritanomaly
93, 18.919, 163.319

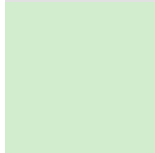
Monochromacy



Original Color
94, 48.974, 138.523



Achromatopsia
90, 0.011, 296.813



Achromatomaly
91, 18.223, 140.129

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 49.592, 138.541 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(185, 255, 173)` looks like.

```
.text, #text, p{  
    color:rgb(185, 255, 173)  
}
```

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(185, 255, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 255, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 49.592, 138.541 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(185, 255, 173) }
```

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

```
.border{ border-color:rgb(185, 255, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 255, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 255, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 255, 173);  
box-shadow:4px 4px 4px 4px rgb(185, 255,  
173) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 49.592, 138.541 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 255, 173) }
```

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

```
.background{ background-color: rgb(185,  
255, 173) }
```

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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