

Converting Colors

CIELCh(94, 52.510, 137.258)

Have a look what the booklet for
CIELCh(94, 52.510, 137.258)
contains.

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Color

CIELCh(94, 51.742, 137.103)

Conversions

Conversions Part 1

Format	Color
Hex	B9FFA8
RGB	185, 255, 168
RGB Percent	73%, 100%, 66%
CMY	0.2747, 0.0000, 0.3415
CMYK	0.27, 0.00, 0.34, 0.00
HSL	108°, 100%, 83%
HSV	108°, 34%, 100%
XYZ	63.1224, 85.2715, 50.1314
YIQ	224.1520, -13.7930, -41.8970

Conversions

Conversions Part 2

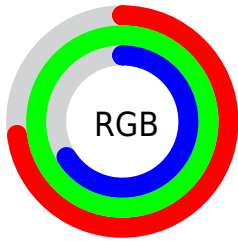
Format	Color
RYB	168, 255, 238
Decimal	12189608
CIELab	94.00, -37.91, 35.22
CIELCh	94, 51.742, 137.103
Yxy	85.2715, 0.3180, 0.4295
Android (android.graphics.Color)	4290379688 (0xFFB9FFA8)
YUV	224.1520, -27.6829, -34.3363
Hunter-Lab	92.3426, -39.5827, 32.4522

Details

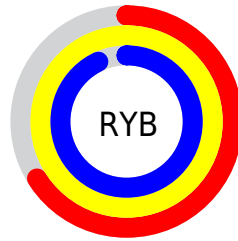
The CIELCh color **94, 51.742, 137.103** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **78, 51.944, 320.469**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 16.334, 124.420**, and **74, 51.153, 136.967** is the 20% darker color. If you saturate the color by 10%, you get **92, 65.686, 136.379**, and if you desaturate by 10%, it is **95, 36.265, 137.696**.

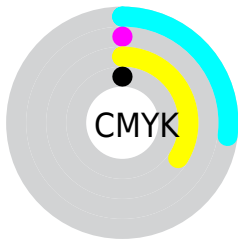
Distribution



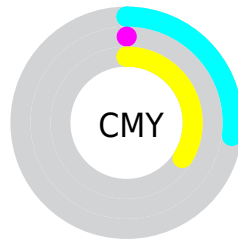
- Red (73%)
- Green (100%)
- Blue (66%)



- Red (66%)
- Yellow (100%)
- Blue (93%)



- Cyan (27%)
- Magenta (0%)
- Yellow (34%)
- Black (0%)





- Cyan (27%)
- Magenta (0%)
- Yellow (34%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 94, 51.742, 137.103 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, 51.742, 137.103 by changing the saturation by 10% instead.


 94, 51.742,
137.103


 94, 51.742,
137.103


 100, 51.742,
137.103


 84, 51.742,
137.103

 74, 51.742,
137.103

 64, 51.742,
137.103

 54, 51.742,
137.103

 44, 51.742,
137.103

 34, 51.742,
137.103

 24, 51.742,

137.103

■ 14, 51.742,
137.103

■ 4, 51.742, 137.103

■ 94, 51.742,
137.103

■ 94, 51.742,
137.103

■ 92, 65.686,
136.379

■ 95, 36.265,
137.696

■ 91, 79.437,
135.685

■ 97, 21.203,
138.269

■ 90, 91.959,
135.048

■ 99, 6.183, 138.797

■ 89, 102.654,
134.575

100, 0.012,
296.813

■ 89,110.861,
134.401

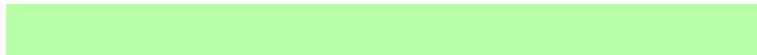
■ 88,116.096,
134.628

■ 88,117.955,
134.882

Harmonies

Complementary

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



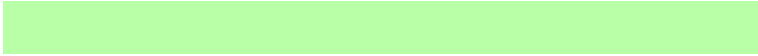
94, 51.742, 137.103



78, 51.944, 320.469

Rectangle

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



94, 51.742, 137.103



94, 51.742, 187.103



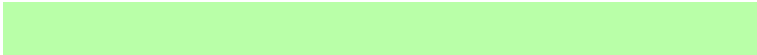
94, 51.742, 317.103



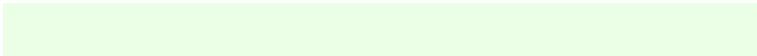
94, 51.742, 7.103

Sweetspot

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



94, 51.178, 137.061



98, 14.950, 138.490



94, 36.138, 96.349



52, 10.208, 138.416



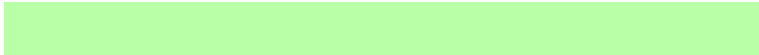
0, 0.000, 0.000



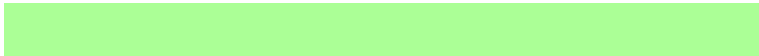
53, 0.007, 296.813

Same Dimension

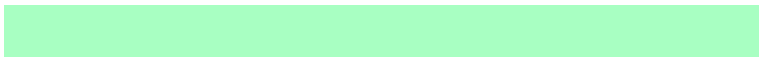
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 51.178, 137.061



93, 61.173, 136.598



93, 43.851, 151.393



52, 8.497, 138.516



68, 94.812, 134.727



23, 42.286, 134.037

Inverse Universe

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



78, 51.944, 320.469



74, 62.221, 320.751



79, 44.347, 336.823



50, 8.544, 319.351



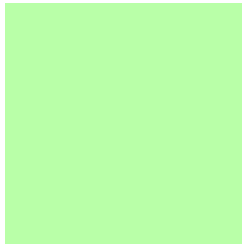
39, 94.802, 320.844



10, 43.471, 321.682

Previews

White Background



This preview shows how the CIE LCh color 94, 51.742, 137.103 looks on a white background.

Color Contrast Check

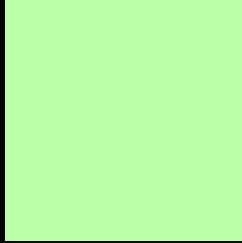
Large Text (above 18pt) WCAG AA × Fail

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, 51.742, 137.103 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, 51.742, 137.103

Background



This preview shows how black text looks on a background with the CIELCh color 94, 51.742, 137.103.

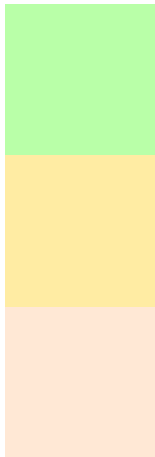


This preview shows how white text looks on a background with the CIELCh color 94, 51.742, 137.103.

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
94, 51.127, 137.068

Protanopia
93, 37.944, 95.691

Deuteranopia
93, 13.008, 68.148

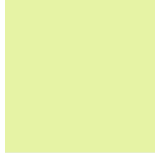


Tritanopia
94, 11.908, 236.382

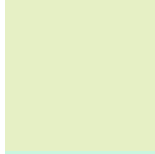
Trichromacy



Original Color
94, 51.127, 137.068



Protanomaly
93, 39.793, 114.359



Deuteranomaly
93, 22.327, 118.082

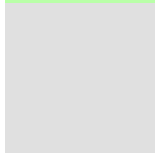


Tritanomaly
93, 19.573, 160.922

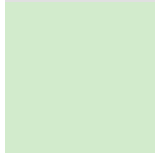
Monochromacy



Original Color
94, 51.127, 137.068



Achromatopsia
89, 0.011, 296.813



Achromatomaly
91, 18.499, 138.383

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 51.742, 137.103 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, 168)` looks like.

```
.text, #text, p{  
    color:rgb(185, 255, 168)  
}
```

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, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 255, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 51.742, 137.103 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, 168) }
```

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

```
.border{ border-color:rgb(185, 255, 168) }
```

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, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 255, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 255, 168);  
box-shadow:4px 4px 4px 4px rgb(185, 255,  
168) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 51.742, 137.103 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, 168) }
```

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

```
.background{ background-color: rgb(185,  
255, 168) }
```

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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