

Converting Colors

CIELCh(100, 65.651, 137.865)

Have a look what the booklet for
CIELCh(100, 65.651, 137.865)
contains.

CIELCh(94, 52.539, 137.440)	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(94, 52.539, 137.440)

Conversions

Conversions Part 1

Format	Color
Hex	B7FFA7
RGB	183, 255, 167
RGB Percent	72%, 100%, 65%
CMY	0.2812, 0.0000, 0.3442
CMYK	0.28, 0.00, 0.34, 0.00
HSL	109°, 100%, 83%
HSV	109°, 34%, 100%
XYZ	62.7786, 85.2715, 49.8248
YIQ	223.4400, -14.6640, -42.6320

Conversions

Conversions Part 2

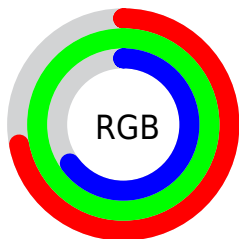
Format	Color
RYB	167, 255, 239
Decimal	12058535
CIELab	94.00, -38.70, 35.54
CIElCh	94, 52.539, 137.440
Yxy	85.2715, 0.3173, 0.4309
Android (android.graphics.Color)	4290248615 (0xFFB7FFA7)
YUV	223.4400, -27.8249, -35.4659
Hunter-Lab	92.3426, -40.2474, 32.6490

Details

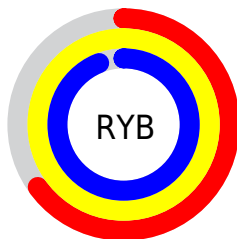
The CIELCh color **94, 52.539, 137.440** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **78, 52.485, 320.871**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 17.035, 126.263**, and **74, 51.971, 137.295** is the 20% darker color. If you saturate the color by 10%, you get **92, 66.314, 136.690**, and if you desaturate by 10%, it is **95, 36.804, 138.040**.

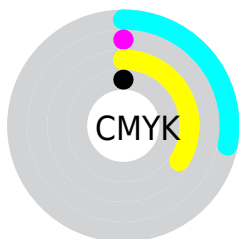
Distribution



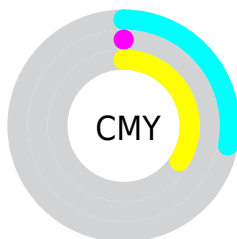
- Red (72%)
- Green (100%)
- Blue (65%)



- Red (65%)
- Yellow (100%)
- Blue (94%)



- Cyan (28%)
- Magenta (0%)
- Yellow (34%)
- Black (0%)




- Cyan (28%)
- Magenta (0%)
- Yellow (34%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 52.539, 137.440 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, 52.539, 137.440 by changing the saturation by 10% instead.


 94, 52.539,
137.440

 94, 52.539,
137.440

 100, 52.539,
137.440


 84, 52.539,
137.440

 74, 52.539,
137.440

 64, 52.539,
137.440

 54, 52.539,
137.440

 44, 52.539,
137.440

 34, 52.539,
137.440

 24, 52.539,

137.440

■ 14, 52.539,
137.440

■ 4, 52.539, 137.440

■ 94, 52.539,
137.440

■ 94, 52.539,
137.440

■ 92, 66.314,
136.690

■ 95, 36.804,
138.040

■ 91, 80.077,
135.974

■ 97, 21.683,
138.624

■ 90, 92.580,
135.312

■ 99, 6.600, 139.159

■ 89, 103.218,
134.812

100, 0.012,
296.813

■ 89, 111.328,
134.607

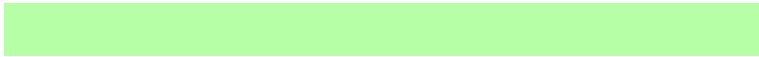
■ 88, 116.435,
134.800

■ 88, 118.164,
135.016

Harmonies

Complementary

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



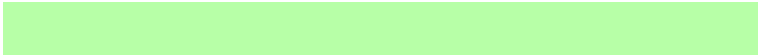
94, 52.539, 137.440



78, 52.485, 320.871

Rectangle

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



94, 52.539, 137.440



94, 52.539, 187.440



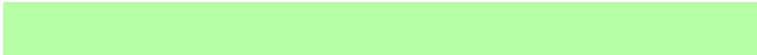
94, 52.539, 317.440



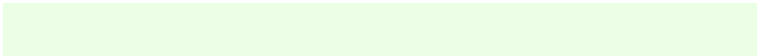
94, 52.539, 7.440

Sweetspot

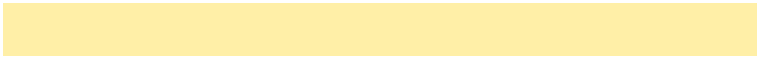
The Sweet Spot groups the original color and five complimentary colors.



94, 51.770, 137.391



98, 15.009, 138.862



94, 36.982, 97.364



52, 10.248, 138.788



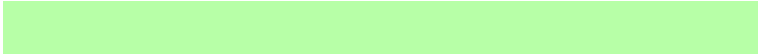
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

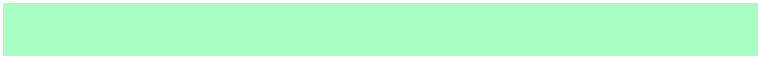
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 51.770, 137.391



93, 61.414, 136.933



93, 43.614, 152.014



52, 8.531, 138.889



68, 94.989, 134.869



23, 42.389, 134.234

Inverse Universe

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



78, 52.485, 320.871



74, 62.370, 321.143



79, 44.181, 337.584



50, 8.575, 319.734



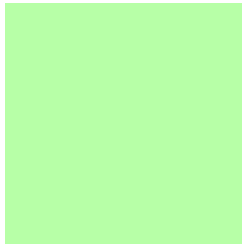
39, 94.631, 321.296



10, 43.407, 322.087

Previews

White Background



This preview shows how the CIE LCh color 94, 52.539, 137.440 looks on a white background.

Color Contrast Check

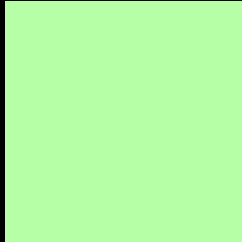
Large Text (above 18pt) WCAG AA × Fail

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, 52.539, 137.440 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

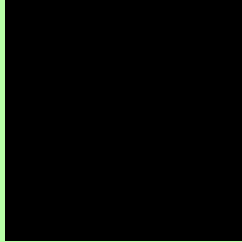
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 94, 52.539, 137.440

Background



This preview shows how black text looks on a background with the CIELCh color 94, 52.539, 137.440.



This preview shows how white text looks on a background with the CIELCh color 94, 52.539, 137.440.

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



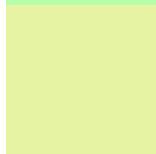


Tritanopia
93, 12.164, 235.453

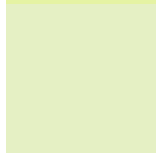
Trichromacy



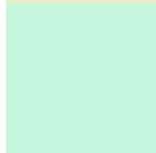
Original Color
94, 51.926, 137.412



Protanomaly
93, 40.823, 114.657



Deuteranomaly
93, 22.898, 118.755

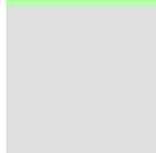


Tritanomaly
93, 19.842, 161.480

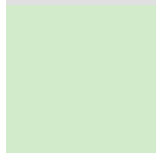
Monochromacy



Original Color
94, 51.926, 137.412



Achromatopsia
89, 0.011, 296.813



Achromatomaly
90, 19.135, 138.536

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 52.539, 137.440 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(183, 255, 167)` looks like.

```
.text, #text, p{  
    color:rgb(183, 255, 167)  
}
```

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(183, 255, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 255, 167) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 52.539, 137.440 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(183, 255, 167) }
```

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

```
.border{ border-color:rgb(183, 255, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 255, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(183, 255, 167); -webkit-box-shadow:4px 4px 4px 4px rgb(183, 255, 167); box-shadow:4px 4px 4px 4px rgb(183, 255, 167) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 52.539, 137.440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 255, 167) }
```

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

```
.background{ background-color: rgb(183,  
255, 167) }
```

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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