

Converting Colors

CIELCh(94, 37.957, 151.180)

Have a look what the booklet for
CIELCh(94, 37.957, 151.180)
contains.

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Color

CIElCh(94, 38.205, 150.797)

Conversions

Conversions Part 1

Format	Color
Hex	B5FFC9
RGB	181, 255, 201
RGB Percent	71%, 100%, 79%
CMY	0.2916, 0.0014, 0.2131
CMYK	0.29, 0.00, 0.21, 0.00
HSL	136°, 99%, 85%
HSV	136°, 29%, 100%
XYZ	65.1209, 85.2715, 68.0724
YIQ	226.7180, -26.7700, -32.4820

Conversions

Conversions Part 2

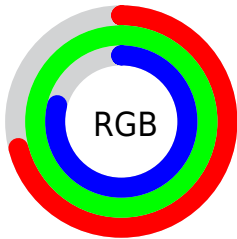
Format	Color
RYB	181, 239, 255
Decimal	11927497
CIELab	94.00, -33.35, 18.64
CIELCh	94, 38.205, 150.797
Yxy	85.2715, 0.2981, 0.3903
Android (android.graphics.Color)	4290117577 (0xFFB5FFC9)
YUV	226.7180, -12.6790, -40.0947
Hunter-Lab	92.3426, -35.7196, 20.9329

Details

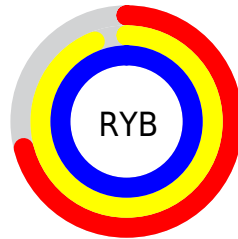
The CIELCh color **94, 38.205, 150.797** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **82, 38.527, 335.157**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 5.840, 199.149**, and **74, 38.223, 150.893** is the 20% darker color. If you saturate the color by 10%, you get **92, 51.058, 149.739**, and if you desaturate by 10%, it is **96, 25.076, 151.714**.

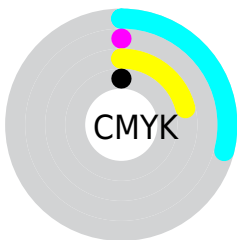
Distribution



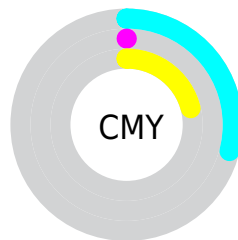
- Red (71%)
- Green (100%)
- Blue (79%)



- Red (71%)
- Yellow (94%)
- Blue (100%)



- Cyan (29%)
- Magenta (0%)
- Yellow (21%)
- Black (0%)




- Cyan (29%)
- Magenta (0%)
- Yellow (21%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 38.205, 150.797 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, 38.205, 150.797 by changing the saturation by 10% instead.

 94, 38.205,
150.797

 94, 38.205,
150.797

 100, 38.205,
150.797

 84, 38.205,
150.797

 74, 38.205,
150.797

 64, 38.205,
150.797

 54, 38.205,
150.797

 44, 38.205,
150.797

 34, 38.205,
150.797

 24, 38.205,

150.797

■ 14, 38.205,
150.797

■ 4, 38.205, 150.797

■ 94, 38.205,
150.797

■ 94, 38.205,
150.797

■ 92, 51.058,
149.739

■ 96, 25.076,
151.714

■ 91, 63.387,
148.518

■ 98, 11.873,
152.522

■ 90, 74.927,
147.119

100, 0.232,
323.113

■ 89, 85.414,
145.536

■ 89, 94.612,
143.787

■ 88, 102.342,
141.921

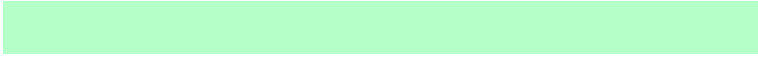
■ 88, 108.537,
140.055

■ 88, 109.059,
139.894

Harmonies

Complementary

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



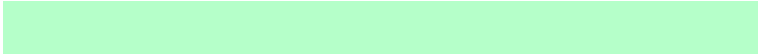
94, 38.205, 150.797



82, 38.527, 335.157

Rectangle

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



94, 38.205, 150.797



94, 38.205, 200.797



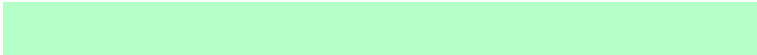
94, 38.205, 330.797



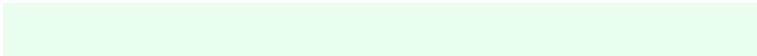
94, 38.205, 20.797

Sweetspot

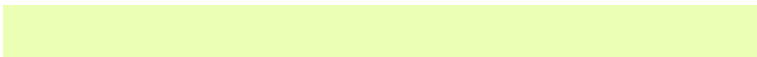
The Sweet Spot groups the original color and five complimentary colors.



94, 38.207, 150.797



98, 11.812, 152.526



97, 37.991, 118.746



52, 8.215, 152.413



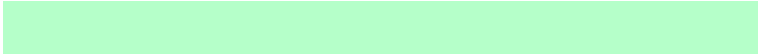
0, 0.000, 0.000



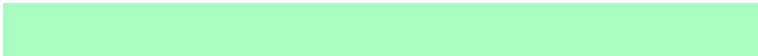
53, 0.007, 296.813

Same Dimension

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



94, 38.207, 150.797



93, 45.946, 150.186



95, 26.270, 177.940



52, 7.464, 152.487



68, 87.237, 140.235



23, 37.657, 143.014

Inverse Universe

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



82, 38.527, 335.157



79, 46.343, 335.622



81, 29.315, 4.013



50, 7.497, 333.720



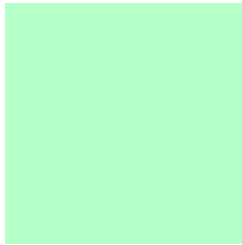
43, 75.779, 342.801



11, 35.659, 340.589

Previews

White Background



This preview shows how the CIE LCh color 94, 38.205, 150.797 looks on a white background.

Color Contrast Check

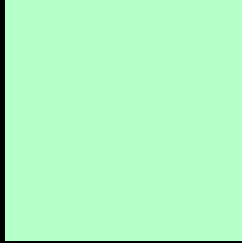
Large Text (above 18pt) WCAG AA × Fail

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, 38.205, 150.797 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

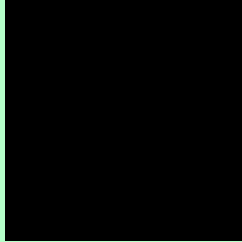
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 94, 38.205, 150.797

Background



This preview shows how black text looks on a background with the CIELCh color 94, 38.205, 150.797.

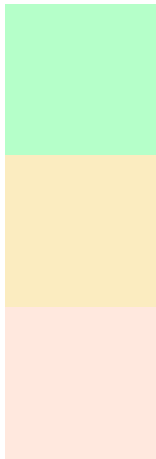


This preview shows how white text looks on a background with the CIELCh color 94, 38.205, 150.797.

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, 38.205, 150.797

Protanopia
94, 23.258, 94.068

Deuteranopia
94, 9.891, 51.018

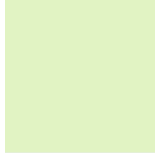


Tritanopia
94, 12.154, 232.459

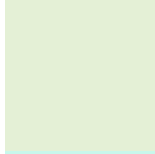
Trichromacy



Original Color
94, 38.205, 150.797



Protanomaly
93, 25.445, 123.561



Deuteranomaly
93, 14.071, 127.222

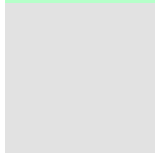


Tritanomaly
94, 17.326, 177.354

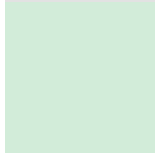
Monochromacy



Original Color
94, 38.205, 150.797



Achromatopsia
90, 0.011, 296.813



Achromatomaly
91, 13.605, 152.330

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 38.205, 150.797 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(181, 255, 201)` looks like.

```
.text, #text, p{  
    color:rgb(181, 255, 201)  
}
```

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(181, 255, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 255, 201) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 38.205, 150.797 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(181, 255, 201) }
```

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

```
.border{ border-color:rgb(181, 255, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 255, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 255, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 255, 201);  
box-shadow:4px 4px 4px 4px rgb(181, 255,  
201) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 38.205, 150.797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 255, 201) }
```

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

```
.background{ background-color: rgb(181,  
255, 201) }
```

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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