

Converting Colors

CIELCh(94, 35.048, 151.723)

Have a look what the booklet for
CIELCh(94, 35.048, 151.723)
contains.

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Color

CIELCh(94, 35.142, 151.717)

Conversions

Conversions Part 1

Format	Color
Hex	B9FECF
RGB	185, 254, 205
RGB Percent	73%, 100%, 80%
CMY	0.2761, 0.0055, 0.1976
CMYK	0.27, 0.00, 0.19, 0.01
HSL	137°, 96%, 86%
HSV	137°, 27%, 99%
XYZ	66.1915, 85.2715, 70.4755
YIQ	227.7830, -25.3950, -29.8670

Conversions

Conversions Part 2

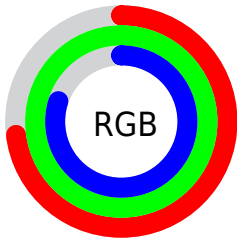
Format	Color
R_{YB}	185, 238, 254
Decimal	12189389
CIE _{Lab}	94.00, -30.95, 16.65
CIE _{LCh}	94, 35.142, 151.717
Yxy	85.2715, 0.2982, 0.3842
Android (android.graphics.Color)	4290379469 (0xFFB9FECD)
YUV	227.7830, -11.2320, -37.5207
Hunter-Lab	92.3426, -33.6502, 19.3899

Details

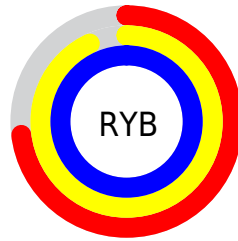
The CIELCh color **94, 35.142, 151.717** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **83, 35.478, 335.828**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 4.482, 199.269**, and **74, 35.062, 151.986** is the 20% darker color. If you saturate the color by 10%, you get **92, 47.822, 150.677**, and if you desaturate by 10%, it is **96, 22.228, 152.621**.

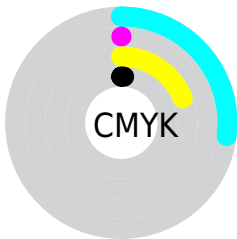
Distribution



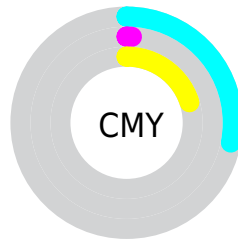
- Red (73%)
- Green (100%)
- Blue (80%)



- Red (73%)
- Yellow (93%)
- Blue (100%)



- Cyan (27%)
- Magenta (0%)
- Yellow (19%)
- Black (1%)





- Cyan (28%)
- Magenta (1%)
- Yellow (20%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 35.142, 151.717 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, 35.142, 151.717 by changing the saturation by 10% instead.


 94, 35.142,
151.717


 94, 35.142,
151.717


 100, 35.142,
151.717


 84, 35.142,
151.717


 74, 35.142,
151.717

 64, 35.142,
151.717

 54, 35.142,
151.717

 44, 35.142,
151.717

 34, 35.142,
151.717

 24, 35.142,

151.717

■ 14, 35.142,
151.717

■ 4, 35.142, 151.717

■ 94, 35.142,
151.717

■ 94, 35.142,
151.717

■ 92, 47.822,
150.677

■ 96, 22.228,
152.621

■ 91, 60.031,
149.478

■ 98, 9.267, 153.426

■ 90, 71.519,
148.101

100, 0.886,
324.124

■ 89, 82.029,
146.536

■ 88, 91.336,
144.790

■ 88, 99.269,
142.902

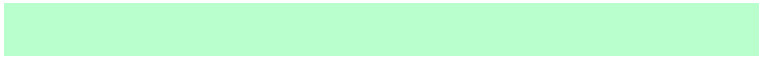
■ 88, 105.740,
140.954

■ 88, 107.332,
140.444

Harmonies

Complementary

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



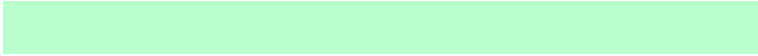
94, 35.142, 151.717



83, 35.478, 335.828

Rectangle

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



94, 35.142, 151.717



94, 35.142, 201.717



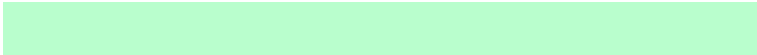
94, 35.142, 331.717



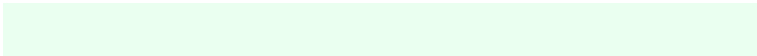
94, 35.142, 21.717

Sweetspot

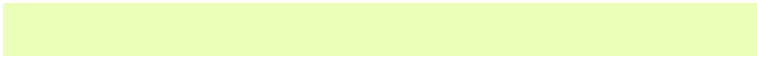
The Sweet Spot groups the original color and five complimentary colors.



94, 35.144, 151.717



98, 10.343, 153.364



97, 35.582, 119.537



52, 7.357, 153.246



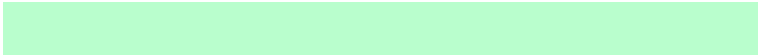
0, 0.000, 0.000



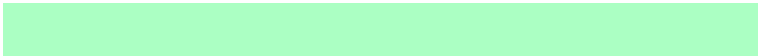
53, 0.007, 296.813

Same Dimension

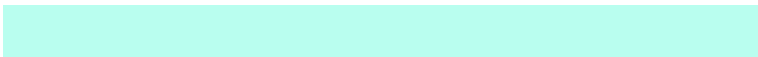
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 35.144, 151.717



93, 42.726, 151.131



95, 24.361, 179.417



52, 7.357, 153.246



68, 86.112, 140.794



23, 37.128, 143.644

Inverse Universe

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



83, 35.478, 335.828



80, 43.166, 336.292



82, 27.133, 4.986



50, 7.393, 334.500



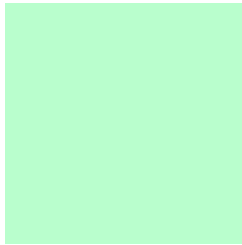
43, 74.799, 344.200



11, 35.229, 341.744

Previews

White Background



This preview shows how the CIE LCh color 94, 35.142, 151.717 looks on a white background.

Color Contrast Check

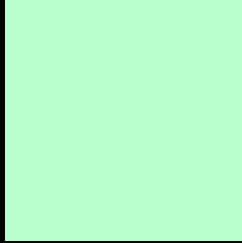
Large Text (above 18pt) WCAG AA × Fail

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, 35.142, 151.717 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

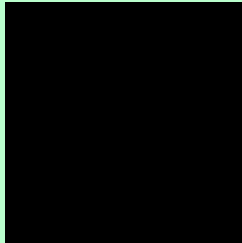
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

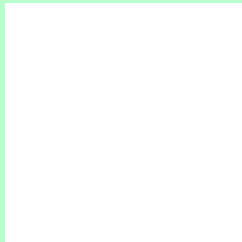
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 35.142, 151.717

Background



This preview shows how black text looks on a background with the CIELCh color 94, 35.142, 151.717.

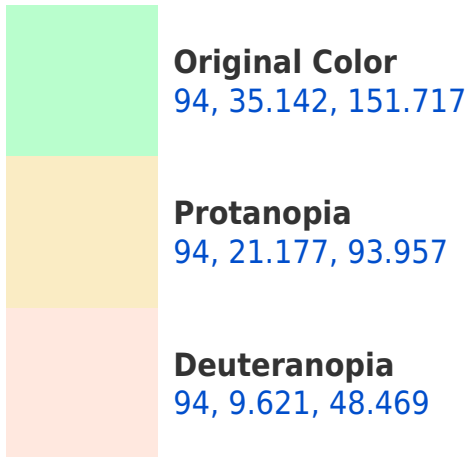


This preview shows how white text looks on a background with the CIELCh color 94, 35.142, 151.717.

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



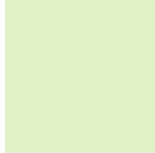


Tritanopia
94, 11.889, 233.325

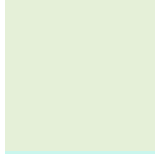
Trichromacy



Original Color
94, 35.142, 151.717



Protanomaly
93, 22.807, 123.558



Deuteranomaly
93, 12.977, 127.147

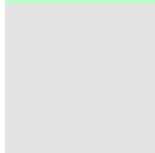


Tritanomaly
94, 15.808, 181.299

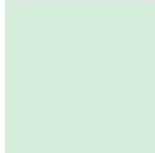
Monochromacy



Original Color
94, 35.142, 151.717



Achromatopsia
90, 0.011, 296.813



Achromatomaly
92, 12.965, 152.779

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 35.142, 151.717 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, 254, 205)` looks like.

```
.text, #text, p{  
    color:rgb(185, 254, 205)  
}
```

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, 254, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 254, 205) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 35.142, 151.717 is called "border". The border property can be set on classes, ids or directly on the HTML element.

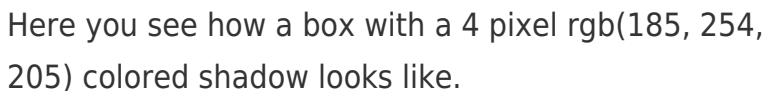
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 254, 205) }
```

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

```
.border{ border-color:rgb(185, 254, 205) }
```

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



Here you see how a box with a 4 pixel `rgb(185, 254, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 254, 205); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 254, 205); box-shadow:4px 4px 4px 4px rgb(185, 254, 205) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 35.142, 151.717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 254, 205) }
```

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

```
.background{ background-color: rgb(185,  
254, 205) }
```

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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