

Converting Colors

CIELCh(94, 46.114, 142.418)

Have a look what the booklet for
CIELCh(94, 46.114, 142.418)
contains.

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Color

CIElCh(94, 45.732, 142.439)

Conversions

Conversions Part 1

Format	Color
Hex	B7FFB7
RGB	183, 255, 183
RGB Percent	72%, 100%, 72%
CMY	0.2842, 0.0000, 0.2843
CMYK	0.28, 0.00, 0.28, 0.00
HSL	120°, 100%, 86%
HSV	120°, 28%, 100%
XYZ	63.8427, 85.2715, 57.6259
YIQ	225.2640, -19.8000, -37.6560

Conversions

Conversions Part 2

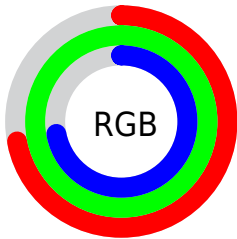
Format	Color
RYB	183, 255, 255
Decimal	12058551
CIELab	94.00, -36.25, 27.88
CIElCh	94, 45.732, 142.439
Yxy	85.2715, 0.3088, 0.4125
Android (android.graphics.Color)	4290248631 (0xFFB7FFB7)
YUV	225.2640, -20.8362, -37.0655
Hunter-Lab	92.3426, -38.1903, 27.6402

Details

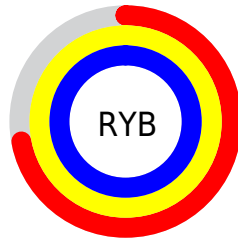
The CIELCh color **94, 45.732, 142.439** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **83, 45.412, 325.993**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 9.755, 142.453**, and **74, 44.985, 142.620** is the 20% darker color. If you saturate the color by 10%, you get **92, 61.022, 141.518**, and if you desaturate by 10%, it is **96, 29.436, 143.264**.

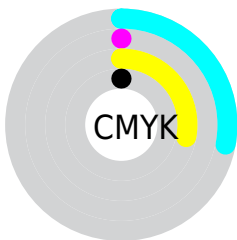
Distribution



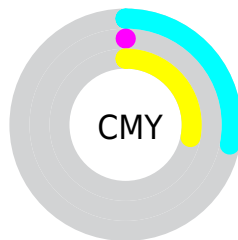
- Red (72%)
- Green (100%)
- Blue (72%)



- Red (72%)
- Yellow (100%)
- Blue (100%)



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





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

Brightness & Saturation Gradients


These gradients show how the CIELCh color 94, 45.732, 142.439 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, 45.732, 142.439 by changing the saturation by 10% instead.

 94, 45.732,
142.439


 94, 45.732,
142.439


 100, 45.732,
142.439


 84, 45.732,
142.439

 74, 45.732,
142.439

 64, 45.732,
142.439


 54, 45.732,
142.439

 44, 45.732,
142.439

 34, 45.732,
142.439


 24, 45.732,


142.439


 14, 45.732,
142.439


 4, 45.732, 142.439


 94, 45.732,
142.439


 94, 45.732,
142.439

 92, 61.022,
141.518


 96, 29.436,
143.264

 91, 75.866,
140.466

 98, 13.394,
143.964

 90, 89.452,
139.330

100, 0.012,
296.813

 89, 101.183,
138.190

■ 88, 110.401,
137.174

■ 88, 116.522,
136.433

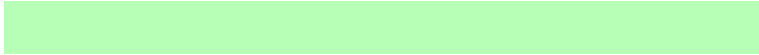
■ 88, 119.457,
136.057

■ 88, 119.778,
136.016

Harmonies

Complementary

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



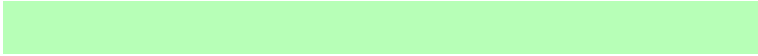
94, 45.732, 142.439



83, 45.412, 325.993

Rectangle

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



94, 45.732, 142.439



94, 45.732, 192.439



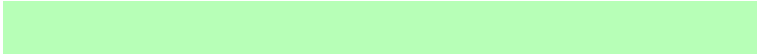
94, 45.732, 322.439



94, 45.732, 12.439

Sweetspot

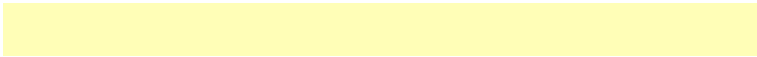
The Sweet Spot groups the original color and five complimentary colors.



94, 45.413, 142.453



98, 14.310, 143.926



98, 35.846, 106.692



52, 9.954, 143.829



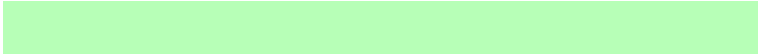
0, 0.000, 0.000



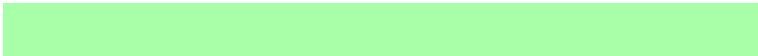
53, 0.007, 296.813

Same Dimension

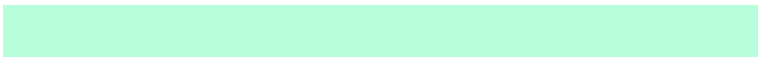
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 45.413, 142.453



93, 54.180, 141.947



95, 31.728, 160.146



52, 9.043, 143.893



68, 96.474, 136.015



22, 43.824, 136.775

Inverse Universe

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



83, 45.412, 325.993



80, 54.135, 326.286



82, 32.779, 345.364



50, 9.056, 324.943



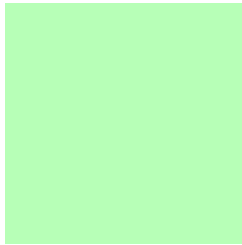
45, 93.083, 328.227



12, 42.823, 328.228

Previews

White Background



This preview shows how the CIE LCh color 94, 45.732, 142.439 looks on a white background.

Color Contrast Check

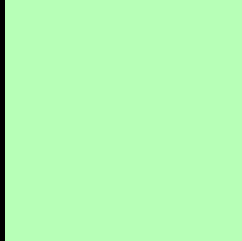
Large Text (above 18pt) WCAG AA × Fail

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, 45.732, 142.439 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

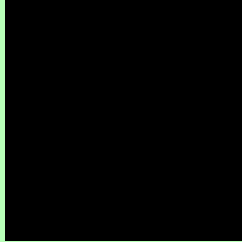
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

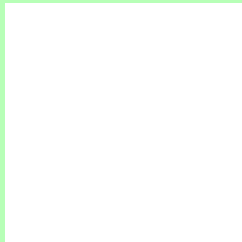
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 45.732, 142.439

Background



This preview shows how black text looks on a background with the CIELCh color 94, 45.732, 142.439.

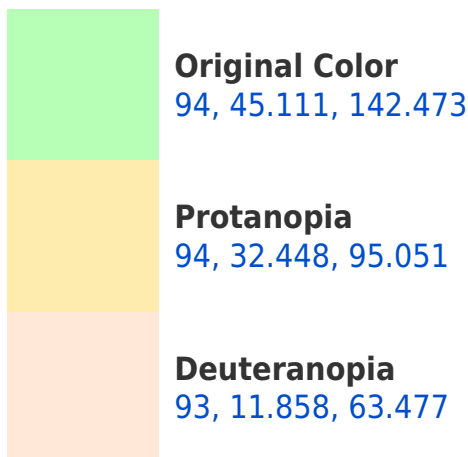


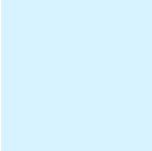
This preview shows how white text looks on a background with the CIELCh color 94, 45.732, 142.439.

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



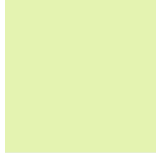


Tritanopia
94, 11.889, 233.325

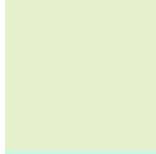
Trichromacy



Original Color
94, 45.111, 142.473



Protanomaly
93, 34.032, 117.252

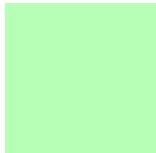


Deuteranomaly
93, 18.907, 121.154

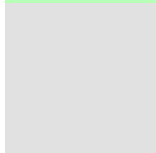


Tritanomaly
94, 18.556, 168.227

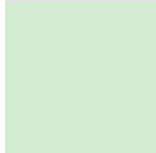
Monochromacy



Original Color
94, 45.111, 142.473



Achromatopsia
90, 0.011, 296.813



Achromatomaly
91, 16.474, 143.798

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 45.732, 142.439 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, 183)` looks like.

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

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, 183) colored shadow looks like.

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

Border

The CSS property to change the border of an element to CIELCh 94, 45.732, 142.439 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, 183) }
```

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

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

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, 183)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to CIELCh 94, 45.732, 142.439 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, 183) }
```

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

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

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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