

Converting Colors

CIELCh(94, 46.833, 140.099)

Have a look what the booklet for
CIELCh(94, 46.833, 140.099)
contains.

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Color

CIELCh(94, 46.833, 140.099)

Conversions

Conversions Part 1

Format	Color
Hex	B9FFB2
RGB	185, 255, 178
RGB Percent	73%, 100%, 70%
CMY	0.2734, 0.0000, 0.3009
CMYK	0.27, 0.00, 0.30, 0.00
HSL	115°, 100%, 85%
HSV	115°, 30%, 100%
XYZ	63.9845, 85.2715, 55.3451
YIQ	225.2920, -17.0030, -38.7870

Conversions

Conversions Part 2

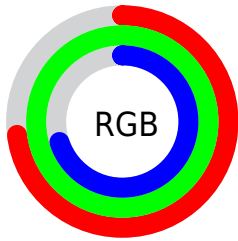
Format	Color
RYB	178, 255, 248
Decimal	12189618
CIELab	94.00, -35.93, 30.04
CIElCh	94, 46.833, 140.099
Yxy	85.2715, 0.3127, 0.4168
Android (android.graphics.Color)	4290379698 (0xFFB9FFB2)
YUV	225.2920, -23.3150, -35.3361
Hunter-Lab	92.3426, -37.9163, 29.1046

Details

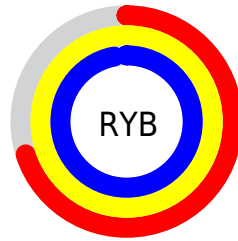
The CIELCh color **94, 46.833, 140.099** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **81, 46.920, 323.434**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 11.664, 132.783**, and **74, 46.761, 140.154** is the 20% darker color. If you saturate the color by 10%, you get **92, 61.819, 139.291**, and if you desaturate by 10%, it is **96, 31.168, 140.813**.

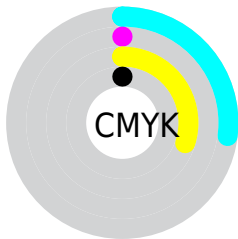
Distribution



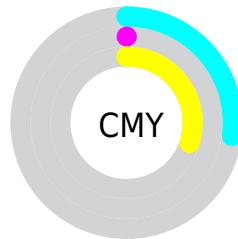
- Red (73%)
- Green (100%)
- Blue (70%)



- Red (70%)
- Yellow (100%)
- Blue (97%)



- Cyan (27%)
- Magenta (0%)
- Yellow (30%)
- Black (0%)





- Cyan (27%)
- Magenta (0%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 46.833, 140.099 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, 46.833, 140.099 by changing the saturation by 10% instead.


 94, 46.833,
140.099


 94, 46.833,
140.099


 100, 46.833,
140.099


 84, 46.833,
140.099

 74, 46.833,
140.099

 64, 46.833,
140.099

 54, 46.833,
140.099

 44, 46.833,
140.099

 34, 46.833,
140.099

 24, 46.833,

140.099

■ 14, 46.833,
140.099

■ 4, 46.833, 140.099

■ 94, 46.833,
140.099

■ 94, 46.833,
140.099

■ 92, 61.819,
139.291

■ 96, 31.168,
140.813

■ 91, 76.262,
138.413

■ 98, 15.589,
141.442

■ 90, 89.532,
137.512

100, 0.130,
144.133

■ 89, 101.044,
136.674

100, 0.012,
296.813

■ 88, 110.130,
136.029

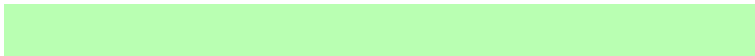
■ 88, 116.201,
135.709

■ 88, 119.266,
135.704

Harmonies

Complementary

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



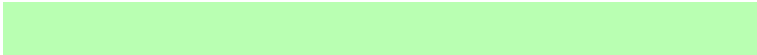
94, 46.833, 140.099



81, 46.920, 323.434

Rectangle

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



94, 46.833, 140.099



94, 46.833, 190.099



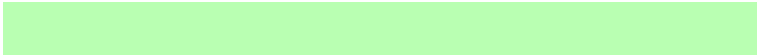
94, 46.833, 320.099



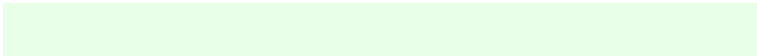
94, 46.833, 10.099

Sweetspot

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



94, 46.667, 140.097



98, 13.893, 141.506



96, 35.027, 102.573



52, 9.663, 141.420



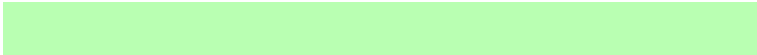
0, 0.000, 0.000



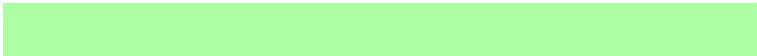
53, 0.007, 296.813

Same Dimension

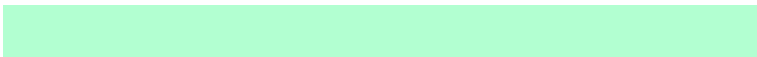
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 46.667, 140.097



93, 55.682, 139.631



94, 35.822, 155.984



52, 8.779, 141.476



68, 95.950, 135.619



23, 43.088, 135.516

Inverse Universe

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



81, 46.920, 323.434



78, 55.998, 323.709



81, 36.597, 341.136



50, 8.807, 322.410



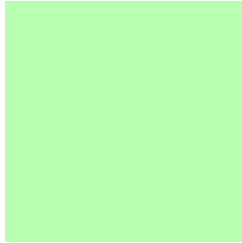
42, 93.635, 324.678



11, 43.035, 325.097

Previews

White Background



This preview shows how the CIE LCh color 94, 46.833, 140.099 looks on a white background.

Color Contrast Check

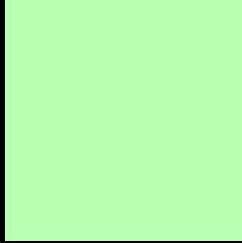
Large Text (above 18pt) WCAG AA × Fail

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, 46.833, 140.099 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, 46.833, 140.099

Background



This preview shows how black text looks on a background with the CIELCh color 94, 46.833, 140.099.

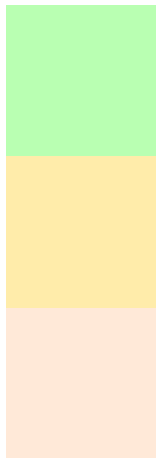


This preview shows how white text looks on a background with the CIELCh color 94, 46.833, 140.099.

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, 46.833, 140.099

Protanopia
94, 34.509, 94.916

Deuteranopia
94, 11.958, 66.420

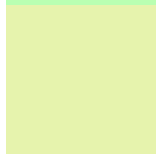


Tritanopia
94, 11.625, 234.231

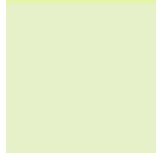
Trichromacy



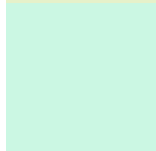
Original Color
94, 46.833, 140.099



Protanomaly
93, 35.871, 115.404



Deuteranomaly
93, 20.386, 120.163

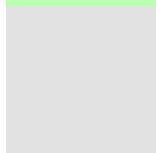


Tritanomaly
94, 18.590, 164.584

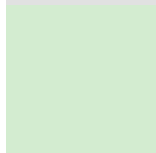
Monochromacy



Original Color
94, 46.833, 140.099



Achromatopsia
90, 0.011, 296.813



Achromatomaly
91, 17.143, 140.905

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 46.833, 140.099 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, 178)` looks like.

```
.text, #text, p{  
    color:rgb(185, 255, 178)  
}
```

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, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 255, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 46.833, 140.099 is called "border". The border property can be set on classes, ids or directly on the HTML element.

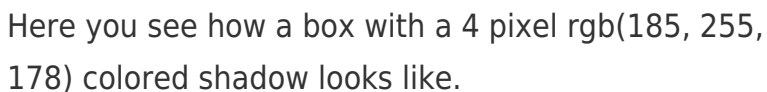
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 255, 178) }
```

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

```
.border{ border-color:rgb(185, 255, 178) }
```

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, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 255, 178); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 255, 178); box-shadow:4px 4px 4px 4px rgb(185, 255, 178) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 46.833, 140.099 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, 178) }
```

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

```
.background{ background-color: rgb(185,  
255, 178) }
```

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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