

Converting Colors

CIELCh(94, 46.594, 139.987)

Have a look what the booklet for
CIELCh(94, 46.594, 139.987)
contains.

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Color

CIELCh(94, 46.640, 139.768)

Conversions

Conversions Part 1

Format	Color
Hex	BAFFB2
RGB	186, 255, 178
RGB Percent	73%, 100%, 70%
CMY	0.2701, 0.0000, 0.3015
CMYK	0.27, 0.00, 0.30, 0.00
HSL	114°, 100%, 85%
HSV	114°, 30%, 100%
XYZ	64.1254, 85.2715, 55.2594
YIQ	225.5910, -16.4070, -38.5750

Conversions

Conversions Part 2

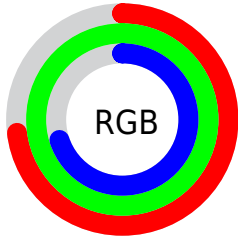
Format	Color
RYB	178, 255, 247
Decimal	12255154
CIELab	94.00, -35.61, 30.12
CIELCh	94, 46.640, 139.768
Yxy	85.2715, 0.3133, 0.4167
Android (android.graphics.Color)	4290445234 (0xFFBAFFB2)
YUV	225.5910, -23.4624, -34.7213
Hunter-Lab	92.3426, -37.6439, 29.1596

Details

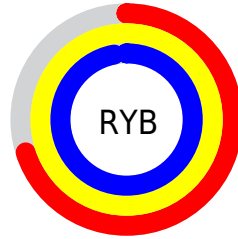
The CIELCh color **94, 46.640, 139.768** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **81, 46.861, 323.057**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 11.522, 131.187**, and **74, 46.561, 139.826** is the 20% darker color. If you saturate the color by 10%, you get **92, 61.662, 138.979**, and if you desaturate by 10%, it is **96, 31.130, 140.469**.

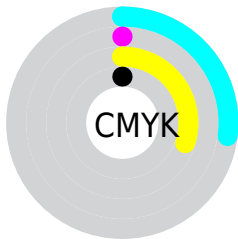
Distribution



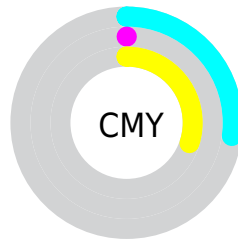
- Red (73%)
- Green (100%)
- Blue (70%)



- 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, 46.640, 139.768 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, 46.640, 139.768 by changing the saturation by 10% instead.

 94, 46.640,
139.768

 94, 46.640,
139.768

 100, 46.640,
139.768


 84, 46.640,
139.768

 74, 46.640,
139.768

 64, 46.640,
139.768

 54, 46.640,
139.768

 44, 46.640,
139.768

 34, 46.640,
139.768

 24, 46.640,

139.768

■ 14, 46.640,
139.768

■ 4, 46.640, 139.768

■ 94, 46.640,
139.768

■ 94, 46.640,
139.768

■ 92, 61.662,
138.979

■ 96, 31.130,
140.469

■ 91, 76.063,
138.126

■ 98, 15.616,
141.087

■ 90, 89.309,
137.256

100, 0.219,
142.872

■ 89, 100.819,
136.456

100, 0.012,
296.813

■ 89, 109.925,
135.857

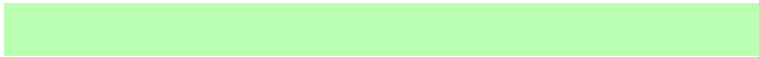
■ 88, 116.039,
135.589

■ 88, 119.153,
135.635

Harmonies

Complementary

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



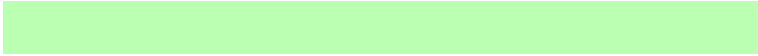
94, 46.640, 139.768



81, 46.861, 323.057

Rectangle

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



94, 46.640, 139.768



94, 46.640, 189.768



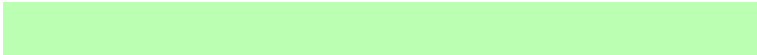
94, 46.640, 319.768



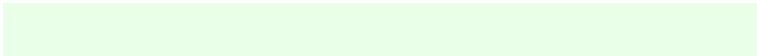
94, 46.640, 9.768

Sweetspot

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



94, 46.566, 139.767



98, 13.836, 141.153



96, 34.539, 101.692



52, 9.624, 141.069



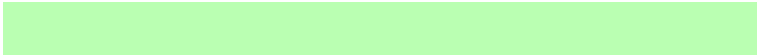
0, 0.000, 0.000



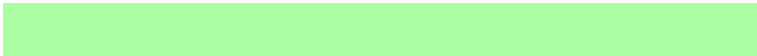
53, 0.007, 296.813

Same Dimension

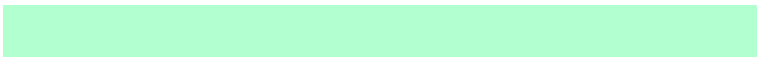
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 46.566, 139.767



93, 55.459, 139.316



94, 36.363, 155.240



52, 8.744, 141.124



68, 95.848, 135.541



23, 42.989, 135.339

Inverse Universe

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



81, 46.861, 323.057



78, 55.835, 323.326



81, 37.071, 340.319



50, 8.774, 322.043



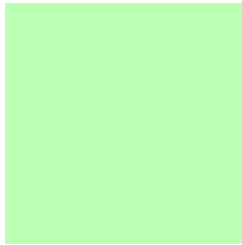
42, 93.749, 324.192



11, 43.078, 324.666

Previews

White Background



This preview shows how the CIELCh color 94, 46.640, 139.768 looks on a white background.

Color Contrast Check

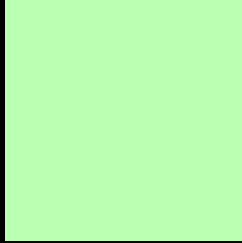
Large Text (above 18pt) WCAG AA × Fail

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, 46.640, 139.768 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, 46.640, 139.768

Background



This preview shows how black text looks on a background with the CIELCh color 94, 46.640, 139.768.



This preview shows how white text looks on a background with the CIELCh color 94, 46.640, 139.768.

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



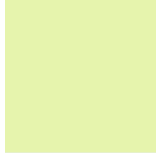


Tritanopia
94, 11.364, 235.181

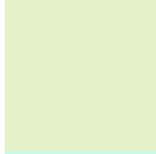
Trichromacy



Original Color
94, 46.640, 139.768



Protanomaly
94, 36.397, 115.866

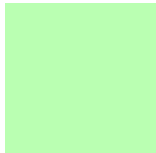


Deuteranomaly
93, 20.386, 120.163

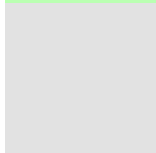


Tritanomaly
94, 18.312, 164.034

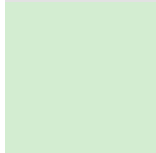
Monochromacy



Original Color
94, 46.640, 139.768



Achromatopsia
90, 0.011, 296.813



Achromatomaly
91, 17.326, 141.878

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 46.640, 139.768 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(186, 255, 178)` looks like.

```
.text, #text, p{  
    color:rgb(186, 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(186, 255, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 255, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 46.640, 139.768 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(186, 255, 178) }
```

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

```
.border{ border-color:rgb(186, 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(186, 255, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 255, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 255, 178);  
box-shadow:4px 4px 4px 4px rgb(186, 255,  
178) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 46.640, 139.768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 255, 178) }
```

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

```
.background{ background-color: rgb(186,  
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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