

Converting Colors

CIELCh(94, 45.017, 140.234)

Have a look what the booklet for
CIELCh(94, 45.017, 140.234)
contains.

CIELCh(94, 45.164, 140.437)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(94, 45.164, 140.437)

Conversions

Conversions Part 1

Format	Color
Hex	BBFFB5
RGB	187, 255, 181
RGB Percent	73%, 100%, 71%
CMY	0.2674, 0.0007, 0.2909
CMYK	0.27, 0.00, 0.29, 0.00
HSL	115°, 100%, 85%
HSV	115°, 29%, 100%
XYZ	64.4720, 85.2715, 56.6826
YIQ	226.2320, -16.7740, -37.4300

Conversions

Conversions Part 2

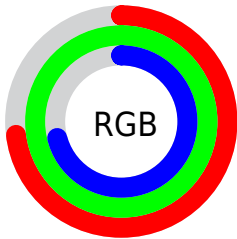
Format	Color
RYB	181, 255, 249
Decimal	12320693
CIELab	94.00, -34.82, 28.77
CIELCh	94, 45.164, 140.437
Yxy	85.2715, 0.3123, 0.4131
Android (android.graphics.Color)	4290510773 (0xFFBBFFB5)
YUV	226.2320, -22.2994, -34.4065
Hunter-Lab	92.3426, -36.9740, 28.2459

Details

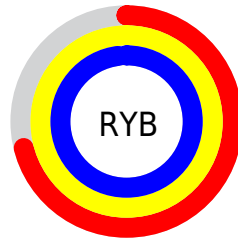
The CIELCh color **94, 45.164, 140.437** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **82, 45.376, 323.687**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 9.972, 132.575**, and **74, 45.041, 140.552** is the 20% darker color. If you saturate the color by 10%, you get **92, 60.404, 139.625**, and if you desaturate by 10%, it is **96, 29.605, 141.156**.

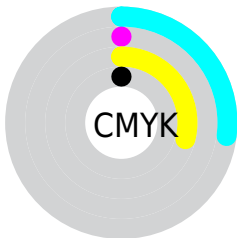
Distribution



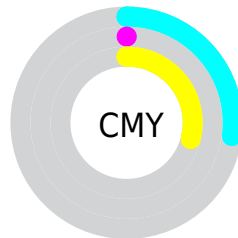
- Red (73%)
- Green (100%)
- Blue (71%)



- Red (71%)
- Yellow (100%)
- Blue (98%)



- Cyan (27%)
- Magenta (0%)
- Yellow (29%)
- Black (0%)





- Cyan (27%)
- Magenta (0%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 94, 45.164, 140.437 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, 45.164, 140.437 by changing the saturation by 10% instead.


 94, 45.164,
140.437


 94, 45.164,
140.437


 100, 45.164,
140.437


 84, 45.164,
140.437

 74, 45.164,
140.437

 64, 45.164,
140.437

 54, 45.164,
140.437

 44, 45.164,
140.437

 34, 45.164,
140.437

 24, 45.164,

140.437

■ 14, 45.164,
140.437

■ 4, 45.164, 140.437

■ 94, 45.164,
140.437

■ 94, 45.164,
140.437

■ 92, 60.404,
139.625

■ 96, 29.605,
141.156

■ 91, 74.964,
138.734

■ 98, 13.988,
141.785

■ 90, 88.389,
137.807

100, 0.123,
321.930

■ 89, 100.103,
136.926

■ 88, 109.442,
136.218

■ 88, 115.798,
135.820

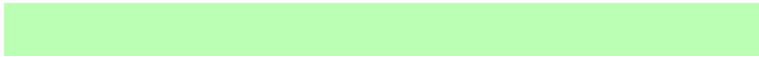
■ 88, 119.060,
135.764

■ 88, 119.283,
135.754

Harmonies

Complementary

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



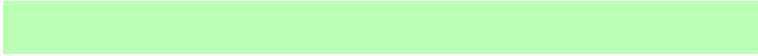
94, 45.164, 140.437



82, 45.376, 323.687

Rectangle

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



94, 45.164, 140.437



94, 45.164, 190.437



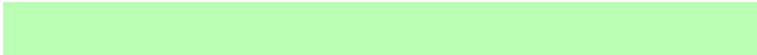
94, 45.164, 320.437



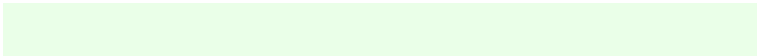
94, 45.164, 10.437

Sweetspot

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



94, 45.166, 140.437



98, 13.939, 141.787



97, 34.337, 103.532



52, 9.695, 141.700



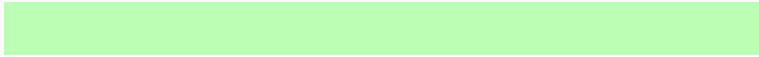
0, 0.000, 0.000



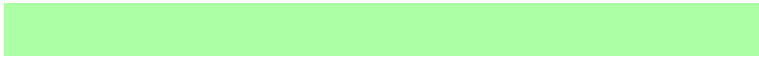
53, 0.007, 296.813

Same Dimension

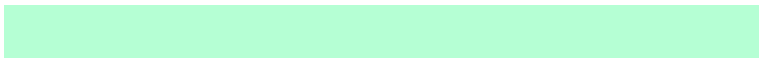
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 45.166, 140.437



93, 54.343, 139.964



94, 34.118, 156.853



52, 8.808, 141.757



68, 96.025, 135.676



23, 43.169, 135.658

Inverse Universe

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



82, 45.376, 323.687



79, 54.605, 323.970



82, 34.911, 341.874



50, 8.834, 322.702



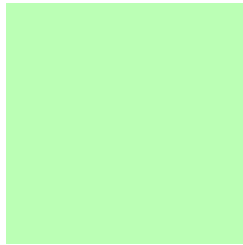
43, 93.550, 325.070



11, 43.003, 325.444

Previews

White Background



This preview shows how the CIE LCh color 94, 45.164, 140.437 looks on a white background.

Color Contrast Check

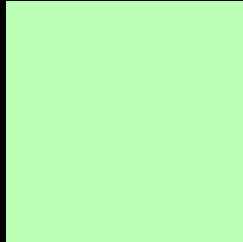
Large Text (above 18pt) WCAG AA × Fail

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, 45.164, 140.437 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

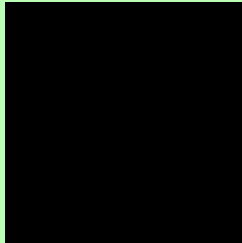
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

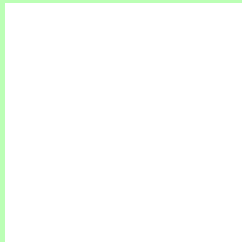
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 45.164, 140.437

Background



This preview shows how black text looks on a background with the CIELCh color 94, 45.164, 140.437.

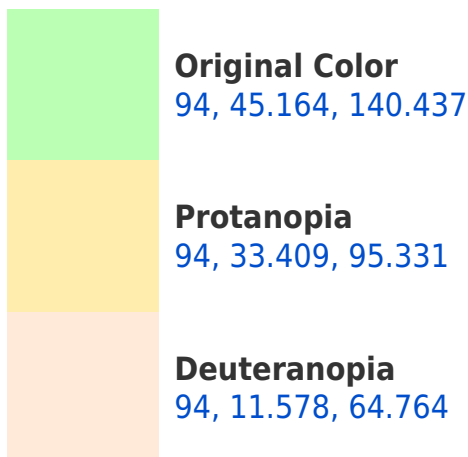


This preview shows how white text looks on a background with the CIELCh color 94, 45.164, 140.437.

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](#).

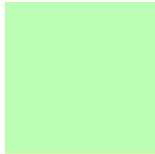
Dichromacy



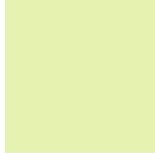


Tritanopia
94, 11.364, 235.181

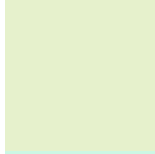
Trichromacy



Original Color
94, 45.164, 140.437



Protanomaly
93, 34.394, 115.840



Deuteranomaly
93, 19.390, 120.811

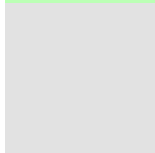


Tritanomaly
94, 18.002, 165.346

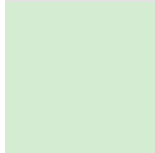
Monochromacy



Original Color
94, 45.164, 140.437



Achromatopsia
90, 0.011, 296.813



Achromatomaly
91, 16.066, 141.779

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 45.164, 140.437 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(187, 255, 181)` looks like.

```
.text, #text, p{  
    color:rgb(187, 255, 181)  
}
```

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(187, 255, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 255, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 45.164, 140.437 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(187, 255, 181) }
```

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

```
.border{ border-color:rgb(187, 255, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 255, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 255, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 255, 181);  
box-shadow:4px 4px 4px 4px rgb(187, 255,  
181) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 45.164, 140.437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 255, 181) }
```

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

```
.background{ background-color: rgb(187,  
255, 181) }
```

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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