

Converting Colors

CIELCh(94, 43.799, 144.699)

Have a look what the booklet for
CIELCh(94, 43.799, 144.699)
contains.

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Color

CIELCh(94, 43.439, 145.006)

Conversions

Conversions Part 1

Format	Color
Hex	B5FFBC
RGB	181, 255, 188
RGB Percent	71%, 100%, 74%
CMY	0.2888, 0.0000, 0.2614
CMYK	0.29, 0.00, 0.26, 0.00
HSL	126°, 100%, 86%
HSV	126°, 29%, 100%
XYZ	64.1346, 85.2715, 60.8546
YIQ	225.2360, -22.5970, -36.5250

Conversions

Conversions Part 2

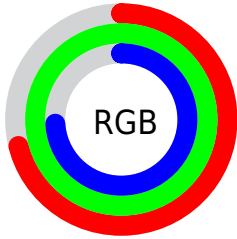
Format	Color
RYB	181, 249, 255
Decimal	11927484
CIELab	94.00, -35.59, 24.91
CIElCh	94, 43.439, 145.006
Yxy	85.2715, 0.3050, 0.4056
Android (android.graphics.Color)	4290117564 (0xFFB5FFBC)
YUV	225.2360, -18.3573, -38.7950
Hunter-Lab	92.3426, -37.6262, 25.5672

Details

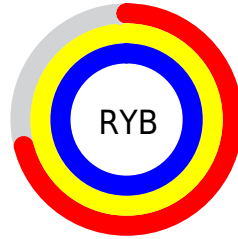
The CIELCh color **94, 43.439, 145.006** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **83, 43.259, 328.809**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 8.221, 156.072**, and **74, 43.679, 144.840** is the 20% darker color. If you saturate the color by 10%, you get **92, 57.866, 144.054**, and if you desaturate by 10%, it is **96, 28.248, 145.872**.

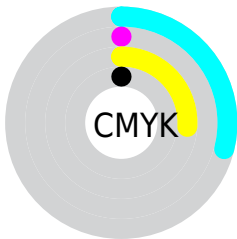
Distribution



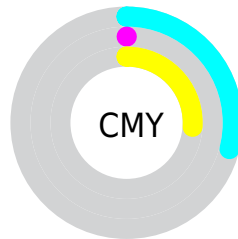
- Red (71%)
- Green (100%)
- Blue (74%)



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



- Cyan (29%)
- Magenta (0%)
- Yellow (26%)
- Black (0%)



- Cyan (29%)
- Magenta (0%)
- Yellow (26%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 43.439, 145.006 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, 43.439, 145.006 by changing the saturation by 10% instead.

 94, 43.439,
145.006

 94, 43.439,
145.006

 100, 43.439,
145.006

 84, 43.439,
145.006

 74, 43.439,
145.006

 64, 43.439,
145.006

 54, 43.439,
145.006

 44, 43.439,
145.006

 34, 43.439,
145.006

 24, 43.439,

145.006

■ 14, 43.439,
145.006

■ 4, 43.439, 145.006

■ 94, 43.439,
145.006

■ 94, 43.439,
145.006

■ 92, 57.866,
144.054

■ 96, 28.248,
145.872

■ 91, 71.868,
142.936

■ 98, 13.220,
146.600

■ 90, 84.834,
141.685

100, 0.012,
296.813

■ 89, 96.328,
140.339

■ 88, 105.882,
138.978

■ 88, 113.052,
137.723

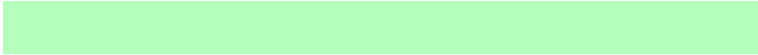
■ 88, 117.566,
136.734

■ 88, 117.924,
136.658

Harmonies

Complementary

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



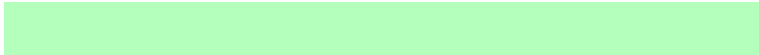
94, 43.439, 145.006



83, 43.259, 328.809

Rectangle

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



94, 43.439, 145.006



94, 43.439, 195.006



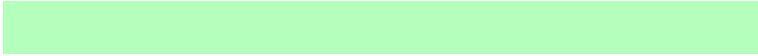
94, 43.439, 325.006



94, 43.439, 15.006

Sweetspot

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



94, 43.217, 145.030



98, 13.403, 146.592



98, 37.066, 111.005



52, 9.323, 146.491



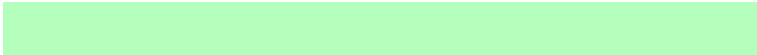
0, 0.000, 0.000



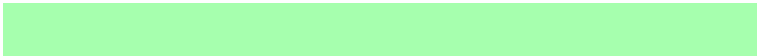
53, 0.007, 296.813

Same Dimension

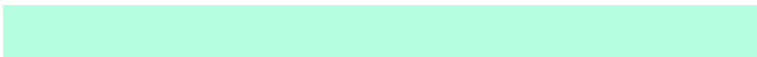
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 43.217, 145.030



93, 52.242, 144.449



95, 29.805, 165.585



52, 8.470, 146.557



68, 94.597, 136.825



22, 41.749, 138.624

Inverse Universe

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



83, 43.259, 328.809



79, 52.237, 329.170



81, 31.444, 351.351



50, 8.487, 327.648



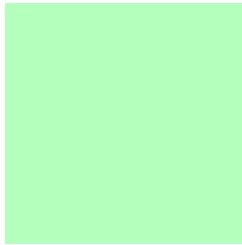
44, 86.385, 332.425



12, 40.099, 331.874

Previews

White Background



This preview shows how the CIE LCh color 94, 43.439, 145.006 looks on a white background.

Color Contrast Check

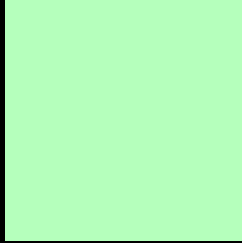
Large Text (above 18pt) WCAG AA × Fail

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, 43.439, 145.006 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

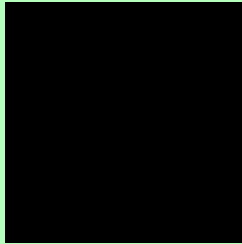
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

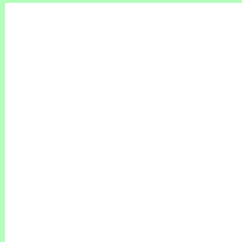
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 43.439, 145.006

Background



This preview shows how black text looks on a background with the CIELCh color 94, 43.439, 145.006.

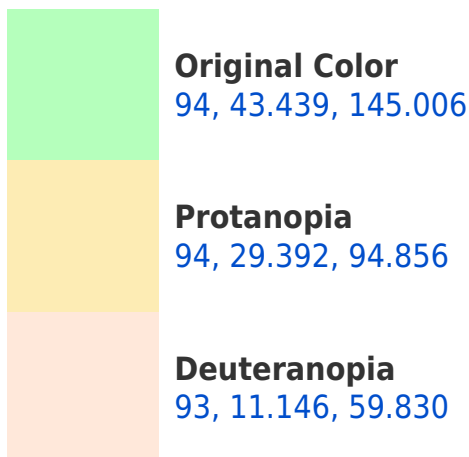


This preview shows how white text looks on a background with the CIELCh color 94, 43.439, 145.006.

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





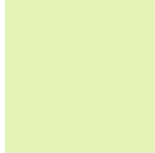
Tritanopia

94, 12.154, 232.459

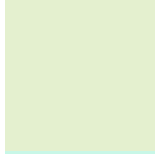
Trichromacy



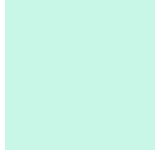
Original Color
94, 43.439, 145.006



Protanomaly
93, 31.154, 119.022



Deuteranomaly
93, 17.510, 123.455

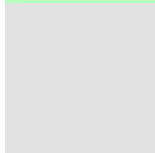


Tritanomaly
94, 18.295, 171.426

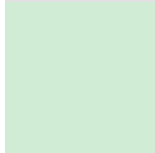
Monochromacy



Original Color
94, 43.439, 145.006



Achromatopsia
90, 0.011, 296.813



Achromatomaly
91, 15.845, 146.912

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 43.439, 145.006 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(181, 255, 188)` looks like.

```
.text, #text, p{  
    color:rgb(181, 255, 188)  
}
```

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(181, 255, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 255, 188) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 43.439, 145.006 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(181, 255, 188) }
```

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

```
.border{ border-color:rgb(181, 255, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 255, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 255, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 255, 188);  
box-shadow:4px 4px 4px 4px rgb(181, 255,  
188) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 43.439, 145.006 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 255, 188) }
```

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

```
.background{ background-color: rgb(181,  
255, 188) }
```

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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