

Converting Colors

CIELCh(98, 52.077, 143.737)

Have a look what the booklet for
CIELCh(98, 52.077, 143.737)
contains.

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Color

CIELCh(94, 43.644, 144.292)

Conversions

Conversions Part 1

Format	Color
Hex	B6FFBB
RGB	182, 255, 187
RGB Percent	71%, 100%, 73%
CMY	0.2852, 0.0000, 0.2656
CMYK	0.29, 0.00, 0.27, 0.00
HSL	124°, 100%, 86%
HSV	124°, 29%, 100%
XYZ	64.1990, 85.2715, 60.2349
YIQ	225.4210, -21.6800, -36.6240

Conversions

Conversions Part 2

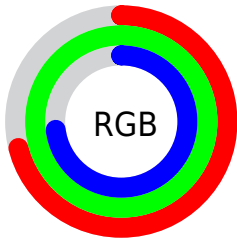
Format	Color
RYB	182, 250, 255
Decimal	11993019
CIELab	94.00, -35.44, 25.47
CIELCh	94, 43.644, 144.292
Yxy	85.2715, 0.3061, 0.4066
Android (android.graphics.Color)	4290183099 (0xFFB6FFBB)
YUV	225.4210, -18.9416, -38.0802
Hunter-Lab	92.3426, -37.5017, 25.9651

Details

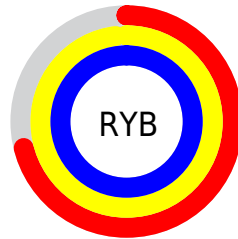
The CIELCh color **94, 43.644, 144.292** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **83, 43.504, 327.976**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 8.343, 151.967**, and **74, 43.897, 144.116** is the 20% darker color. If you saturate the color by 10%, you get **92, 58.408, 143.346**, and if you desaturate by 10%, it is **96, 28.229, 145.136**.

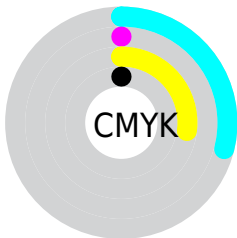
Distribution



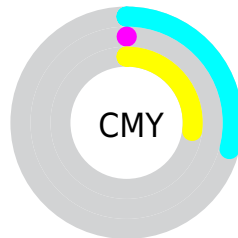
- Red (71%)
- Green (100%)
- Blue (73%)



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



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




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


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 43.644, 144.292 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, 43.644, 144.292 by changing the saturation by 10% instead.


 94, 43.644,
144.292


 94, 43.644,
144.292

 100, 43.644,
144.292


 84, 43.644,
144.292

 74, 43.644,
144.292

 64, 43.644,
144.292

 54, 43.644,
144.292

 44, 43.644,
144.292

 34, 43.644,
144.292

 24, 43.644,

144.292

■ 14, 43.644,
144.292

■ 4, 43.644, 144.292

■ 94, 43.644,
144.292

■ 94, 43.644,
144.292

■ 92, 58.408,
143.346

■ 96, 28.229,
145.136

■ 91, 72.670,
142.248

■ 98, 12.924,
145.853

■ 90, 85.852,
141.029

100, 0.012,
296.813

■ 89, 97.482,
139.735

■ 88, 107.042,
138.457

■ 88, 114.042,
137.326

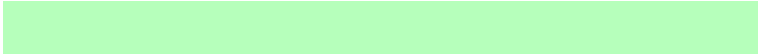
■ 88, 118.200,
136.497

■ 88, 118.600,
136.422

Harmonies

Complementary

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



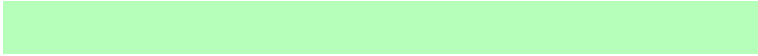
94, 43.644, 144.292



83, 43.504, 327.976

Rectangle

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



94, 43.644, 144.292



94, 43.644, 194.292



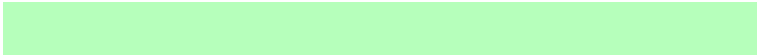
94, 43.644, 324.292



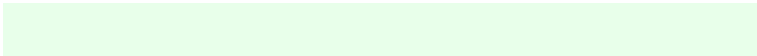
94, 43.644, 14.292

Sweetspot

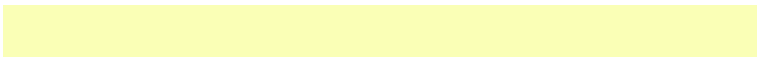
The Sweet Spot groups the original color and five complimentary colors.



94, 43.481, 144.307



98, 13.651, 145.821



98, 36.589, 110.310



52, 9.496, 145.721



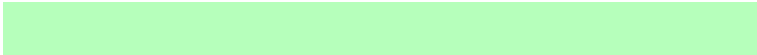
0, 0.000, 0.000



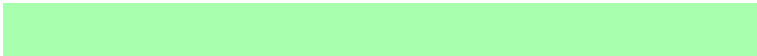
53, 0.007, 296.813

Same Dimension

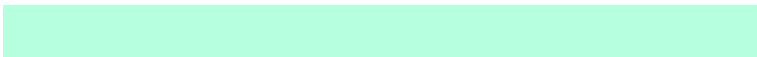
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 43.481, 144.307



93, 51.716, 143.797



95, 29.830, 164.652



52, 8.627, 145.787



68, 95.212, 136.558



22, 42.318, 138.094

Inverse Universe

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



83, 43.504, 327.976



80, 51.698, 328.289



82, 31.330, 350.268



50, 8.642, 326.864



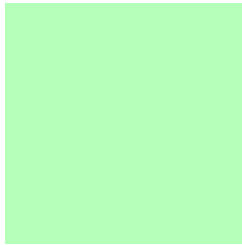
45, 88.189, 331.176



12, 40.836, 330.798

Previews

White Background



This preview shows how the CIE LCh color 94, 43.644, 144.292 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, 43.644, 144.292 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

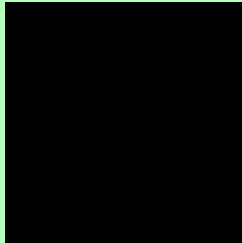
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 94, 43.644, 144.292

Background



This preview shows how black text looks on a background with the CIELCh color 94, 43.644, 144.292.

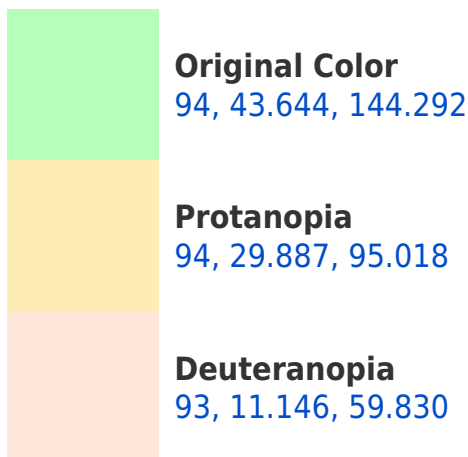


This preview shows how white text looks on a background with the CIELCh color 94, 43.644, 144.292.

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



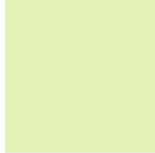


Tritanopia
94, 11.889, 233.325

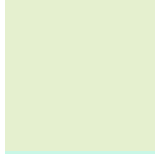
Trichromacy



Original Color
94, 43.644, 144.292



Protanomaly
93, 31.646, 118.819



Deuteranomaly
93, 17.415, 122.299

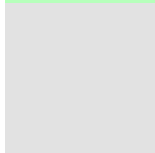


Tritanomaly
94, 18.275, 169.585

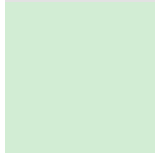
Monochromacy



Original Color
94, 43.644, 144.292



Achromatopsia
90, 0.011, 296.813



Achromatomaly
91, 16.249, 145.815

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 43.644, 144.292 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(182, 255, 187)` looks like.

```
.text, #text, p{  
    color:rgb(182, 255, 187)  
}
```

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(182, 255, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 255, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 43.644, 144.292 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(182, 255, 187) }
```

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

```
.border{ border-color:rgb(182, 255, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 255, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 255, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 255, 187);  
box-shadow:4px 4px 4px 4px rgb(182, 255,  
187) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 43.644, 144.292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 255, 187) }
```

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

```
.background{ background-color: rgb(182,  
255, 187) }
```

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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