

Converting Colors

CIELCh(100, 48.686, 146.149)

Have a look what the booklet for
CIELCh(100, 48.686, 146.149)
contains.

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Color

CIElCh(94, 37.037, 147.872)

Conversions

Conversions Part 1

Format	Color
Hex	BBFEC7
RGB	187, 254, 199
RGB Percent	73%, 100%, 78%
CMY	0.2680, 0.0054, 0.2209
CMYK	0.26, 0.00, 0.22, 0.01
HSL	131°, 96%, 86%
HSV	131°, 26%, 99%
XYZ	66.0041, 85.2715, 66.8187
YIQ	227.6970, -22.2770, -31.3090

Conversions

Conversions Part 2

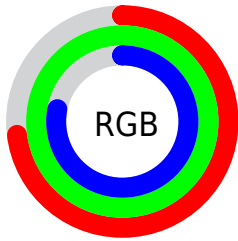
Format	Color
RYB	187, 244, 254
Decimal	12320455
CIELab	94.00, -31.37, 19.70
CIELCh	94, 37.037, 147.872
Yxy	85.2715, 0.3026, 0.3910
Android (android.graphics.Color)	4290510535 (0xFFBBFEC7)
YUV	227.6970, -14.1476, -35.6913
Hunter-Lab	92.3426, -34.0123, 21.7378

Details

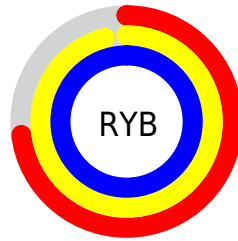
The CIELCh color **94, 37.037, 147.872** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **83, 37.170, 331.484**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 3.799, 199.339**, and **74, 37.081, 147.973** is the 20% darker color. If you saturate the color by 10%, you get **92, 50.872, 146.897**, and if you desaturate by 10%, it is **96, 22.981, 148.713**.

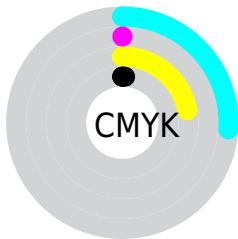
Distribution



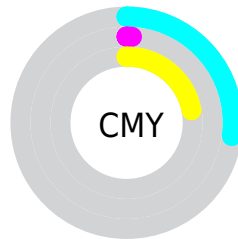
- Red (73%)
- Green (100%)
- Blue (78%)



- Red (73%)
- Yellow (96%)
- Blue (100%)



- Cyan (26%)
- Magenta (0%)
- Yellow (22%)
- Black (1%)





- Cyan (27%)
- Magenta (1%)
- Yellow (22%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 37.037, 147.872 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, 37.037, 147.872 by changing the saturation by 10% instead.


 94, 37.037,
147.872


 94, 37.037,
147.872

 100, 37.037,
147.872


 84, 37.037,
147.872

 74, 37.037,
147.872

 64, 37.037,
147.872

 54, 37.037,
147.872

 44, 37.037,
147.872

 34, 37.037,
147.872

 24, 37.037,

147.872

■ 14, 37.037,
147.872

■ 4, 37.037, 147.872

■ 94, 37.037,
147.872

■ 94, 37.037,
147.872

■ 92, 50.872,
146.897

■ 96, 22.981,
148.713

■ 91, 64.214,
145.770

■ 98, 8.915, 149.455

■ 90, 76.756,
144.481

100, 0.865,
324.114

■ 89, 88.164,
143.038

■ 88, 98.101,
141.475

■ 88, 106.257,
139.865

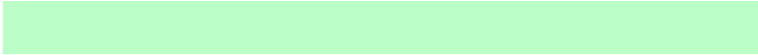
■ 87, 112.382,
138.327

■ 87, 114.114,
137.851

Harmonies

Complementary

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



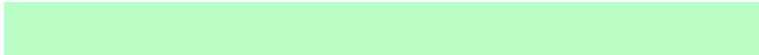
94, 37.037, 147.872



83, 37.170, 331.484

Rectangle

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



94, 37.037, 147.872



94, 37.037, 197.872



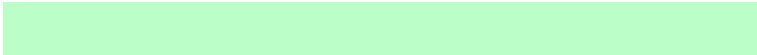
94, 37.037, 327.872



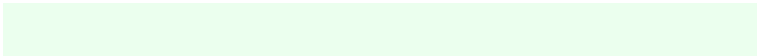
94, 37.037, 17.872

Sweetspot

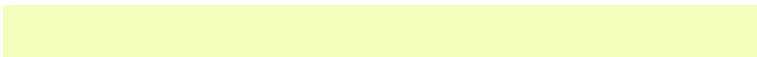
The Sweet Spot groups the original color and five complimentary colors.



94, 37.039, 147.872



98, 11.211, 149.339



97, 34.011, 114.770



52, 7.976, 149.231



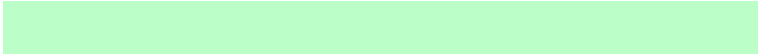
0, 0.000, 0.000



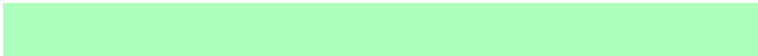
53, 0.007, 296.813

Same Dimension

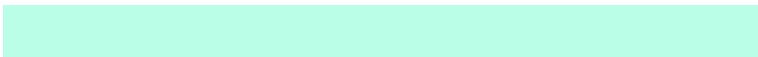
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 37.039, 147.872



93, 45.029, 147.343



95, 25.577, 171.099



52, 7.976, 149.231



68, 91.721, 138.110



23, 39.930, 140.455

Inverse Universe

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



83, 37.170, 331.484



81, 45.173, 331.858



82, 27.406, 356.509



50, 7.998, 330.379



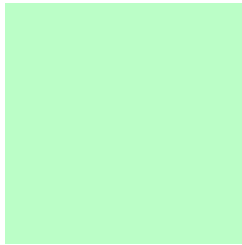
44, 80.919, 336.955



12, 37.844, 335.719

Previews

White Background



This preview shows how the CIE LCh color 94, 37.037, 147.872 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, 37.037, 147.872 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

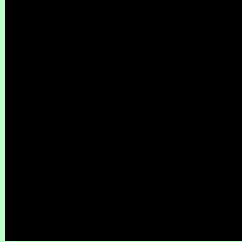
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 94, 37.037, 147.872

Background



This preview shows how black text looks on a background with the CIELCh color 94, 37.037, 147.872.

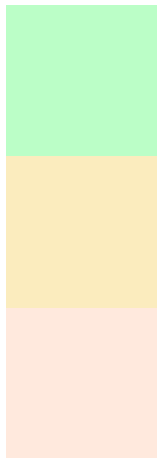


This preview shows how white text looks on a background with the CIELCh color 94, 37.037, 147.872.

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, 37.064, 147.863

Protanopia

94, 24.250, 94.544

Deuteranopia

94, 10.175, 56.921

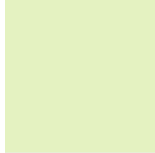


Tritanopia
94, 11.625, 234.231

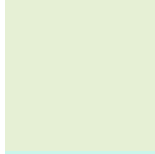
Trichromacy



Original Color
94, 37.064, 147.863



Protanomaly
93, 25.582, 120.060

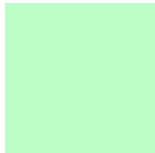


Deuteranomaly
93, 14.344, 123.843

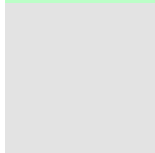


Tritanomaly
94, 15.903, 177.476

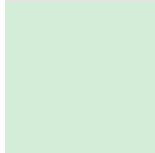
Monochromacy



Original Color
94, 37.064, 147.863



Achromatopsia
90, 0.011, 296.813



Achromatomaly
91, 13.748, 149.857

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 37.037, 147.872 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, 254, 199)` looks like.

```
.text, #text, p{  
    color:rgb(187, 254, 199)  
}
```

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, 254, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 254, 199) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 37.037, 147.872 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, 254, 199) }
```

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

```
.border{ border-color:rgb(187, 254, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 254, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 254, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 254, 199);  
box-shadow:4px 4px 4px 4px rgb(187, 254,  
199) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 37.037, 147.872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 254, 199) }
```

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

```
.background{ background-color: rgb(187,  
254, 199) }
```

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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