

Converting Colors

CIELCh(94, 48.219, 142.194)

Have a look what the booklet for
CIELCh(94, 48.219, 142.194)
contains.

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Color

CIELCh(94, 47.594, 142.335)

Conversions

Conversions Part 1

Format	Color
Hex	B4FFB4
RGB	180, 255, 180
RGB Percent	71%, 100%, 71%
CMY	0.2937, 0.0000, 0.2938
CMYK	0.29, 0.00, 0.29, 0.00
HSL	120°, 100%, 85%
HSV	120°, 29%, 100%
XYZ	63.2222, 85.2715, 56.3494
YIQ	224.0250, -20.6250, -39.2250

Conversions

Conversions Part 2

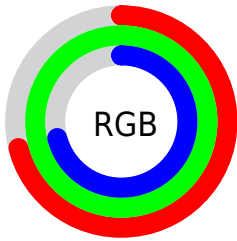
Format	Color
RYB	180, 255, 255
Decimal	11861940
CIELab	94.00, -37.68, 29.08
CIElCh	94, 47.594, 142.335
Yxy	85.2715, 0.3086, 0.4163
Android (android.graphics.Color)	4290052020 (0xFFB4FFB4)
YUV	224.0250, -21.7043, -38.6099
Hunter-Lab	92.3426, -39.3898, 28.4598

Details

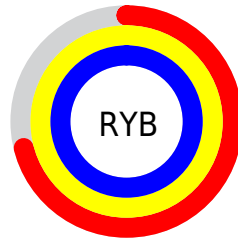
The CIELCh color **94, 47.594, 142.335** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **82, 46.912, 326.037**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 11.632, 142.647**, and **74, 46.901, 142.443** is the 20% darker color. If you saturate the color by 10%, you get **92, 62.471, 141.418**, and if you desaturate by 10%, it is **96, 30.962, 143.186**.

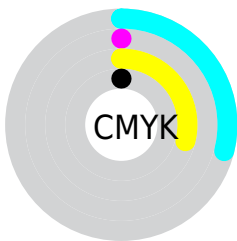
Distribution



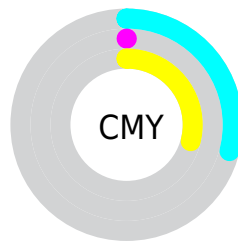
- Red (71%)
- Green (100%)
- Blue (71%)



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



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





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


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 47.594, 142.335 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, 47.594, 142.335 by changing the saturation by 10% instead.

 94, 47.594,
142.335


 94, 47.594,
142.335


 100, 47.594,
142.335


 84, 47.594,
142.335

 74, 47.594,
142.335

 64, 47.594,
142.335

 54, 47.594,
142.335

 44, 47.594,
142.335

 34, 47.594,
142.335

 24, 47.594,

142.335

■ 14, 47.594,
142.335

■ 4, 47.594, 142.335

■ 94, 47.594,
142.335

■ 94, 47.594,
142.335

■ 92, 62.471,
141.418

■ 96, 30.962,
143.186

■ 91, 77.218,
140.356

■ 98, 14.917,
143.895

■ 90, 90.655,
139.217

100, 0.012,
296.813

■ 89, 102.176,
138.083

■ 88, 111.121,
137.087

■ 88, 116.930,
136.380

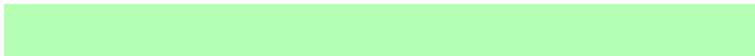
■ 88, 119.650,
136.032

■ 88, 119.777,
136.015

Harmonies

Complementary

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



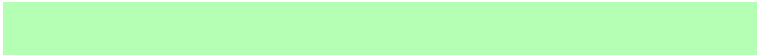
94, 47.594, 142.335



82, 46.912, 326.037

Rectangle

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



94, 47.594, 142.335



94, 47.594, 192.335



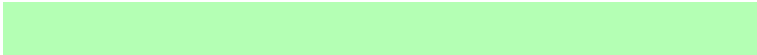
94, 47.594, 322.335



94, 47.594, 12.335

Sweetspot

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



94, 46.918, 142.364



98, 14.309, 143.920



98, 37.024, 106.598



52, 9.953, 143.823



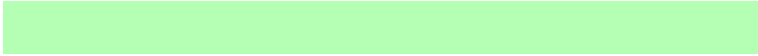
0, 0.000, 0.000



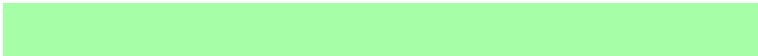
53, 0.007, 296.813

Same Dimension

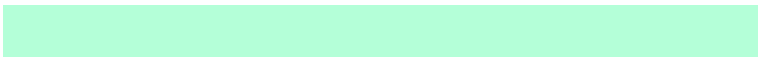
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 46.918, 142.364



93, 55.732, 141.847



94, 32.768, 160.042



52, 9.042, 143.887



68, 96.473, 136.015



22, 43.822, 136.772

Inverse Universe

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



82, 46.912, 326.037



79, 55.677, 326.331



81, 33.887, 345.467



50, 9.056, 324.937



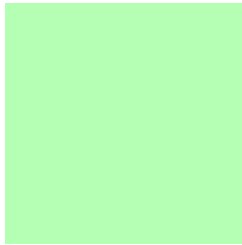
45, 93.084, 328.218



12, 42.823, 328.220

Previews

White Background



This preview shows how the CIE LCh color 94, 47.594, 142.335 looks on a white background.

Color Contrast Check

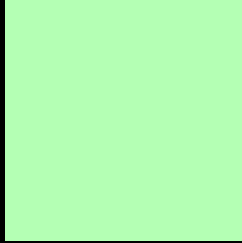
Large Text (above 18pt) WCAG AA × Fail

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, 47.594, 142.335 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

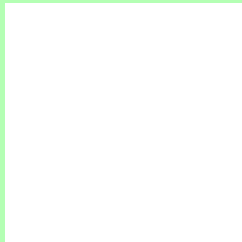
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 47.594, 142.335

Background



This preview shows how black text looks on a background with the CIELCh color 94, 47.594, 142.335.

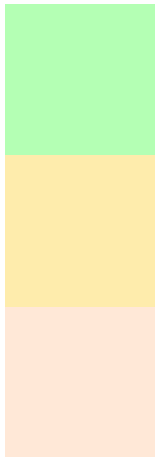


This preview shows how white text looks on a background with the CIELCh color 94, 47.594, 142.335.

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, 46.974, 142.370

Protanopia
93, 33.434, 95.316

Deuteranopia
93, 12.232, 65.134

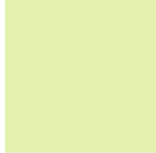


Tritanopia
94, 12.421, 231.632

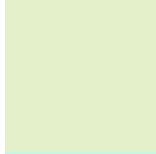
Trichromacy



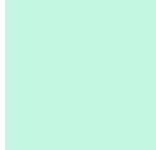
Original Color
94, 46.974, 142.370



Protanomaly
93, 35.085, 117.530

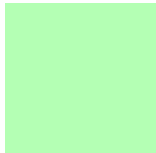


Deuteranomaly
93, 19.988, 121.503

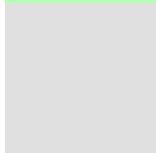


Tritanomaly
94, 19.415, 167.865

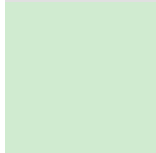
Monochromacy



Original Color
94, 46.974, 142.370



Achromatopsia
89, 0.011, 296.813



Achromatomaly
90, 17.126, 143.766

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 47.594, 142.335 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(180, 255, 180)` looks like.

```
.text, #text, p{  
    color:rgb(180, 255, 180)  
}
```

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(180, 255, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 255, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 47.594, 142.335 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(180, 255, 180) }
```

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

```
.border{ border-color:rgb(180, 255, 180) }
```

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

Here you see how a box with a 4 pixel rgb(180, 255, 180) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 255, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 255, 180);  
box-shadow:4px 4px 4px 4px rgb(180, 255,  
180) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 47.594, 142.335 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 255, 180) }
```

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

```
.background{ background-color: rgb(180,  
255, 180) }
```

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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