

Converting Colors

CIELCh(94, 39.682, 149.987)

Have a look what the booklet for
CIELCh(94, 39.682, 149.987)
contains.

CIELCh(94, 39.832, 149.978)	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, 39.832, 149.978)

Conversions

Conversions Part 1

Format	Color
Hex	B3FFC6
RGB	179, 255, 198
RGB Percent	70%, 100%, 78%
CMY	0.2976, 0.0000, 0.2231
CMYK	0.30, 0.00, 0.22, 0.00
HSL	135°, 100%, 85%
HSV	135°, 30%, 100%
XYZ	64.6174, 85.2715, 66.5449
YIQ	225.7780, -26.9990, -33.8390

Conversions

Conversions Part 2

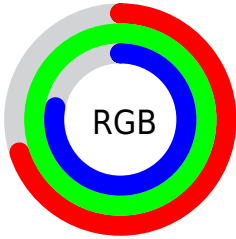
Format	Color
RYB	179, 240, 255
Decimal	11796422
CIELab	94.00, -34.49, 19.93
CIELCh	94, 39.832, 149.978
Yxy	85.2715, 0.2986, 0.3940
Android (android.graphics.Color)	4289986502 (0xFFB3FFC6)
YUV	225.7780, -13.6946, -41.0243
Hunter-Lab	92.3426, -36.6928, 21.9136

Details

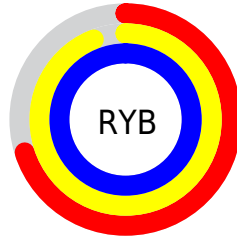
The CIELCh color **94, 39.832, 149.978** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **82, 40.046, 334.399**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 6.515, 199.095**, and **74, 39.906, 149.985** is the 20% darker color. If you saturate the color by 10%, you get **92, 52.805, 148.936**, and if you desaturate by 10%, it is **96, 26.426, 150.912**.

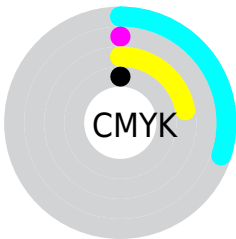
Distribution



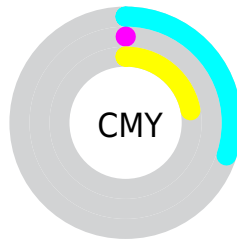
- Red (70%)
- Green (100%)
- Blue (78%)



- Red (70%)
- Yellow (94%)
- Blue (100%)



- Cyan (30%)
- Magenta (0%)
- Yellow (22%)
- Black (0%)





- Cyan (30%)
- Magenta (0%)
- Yellow (22%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 39.832, 149.978 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, 39.832, 149.978 by changing the saturation by 10% instead.


 94, 39.832,
149.978


 94, 39.832,
149.978


 100, 39.832,
149.978


 84, 39.832,
149.978

 74, 39.832,
149.978

 64, 39.832,
149.978

 54, 39.832,
149.978

 44, 39.832,
149.978

 34, 39.832,
149.978

 24, 39.832,

149.978

■ 14, 39.832,
149.978

■ 4, 39.832, 149.978

■ 94, 39.832,
149.978

■ 94, 39.832,
149.978

■ 92, 52.805,
148.936

■ 96, 26.426,
150.912

■ 91, 65.295,
147.715

■ 98, 13.006,
151.715

■ 90, 76.959,
146.316

100, 0.012,
296.813

■ 89, 87.517,
144.741

■ 89, 96.718,
143.012

■ 88, 104.366,
141.191

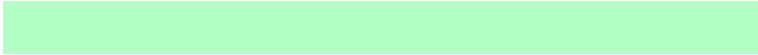
■ 88, 110.387,
139.412

■ 88, 110.515,
139.374

Harmonies

Complementary

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



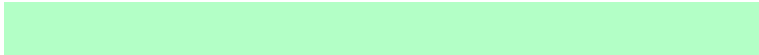
94, 39.832, 149.978



82, 40.046, 334.399

Rectangle

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



94, 39.832, 149.978



94, 39.832, 199.978



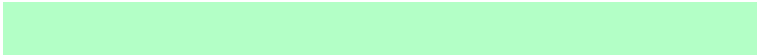
94, 39.832, 329.978



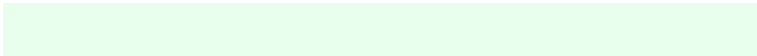
94, 39.832, 19.978

Sweetspot

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



94, 39.764, 149.995



98, 11.987, 151.773



97, 38.839, 118.018



52, 8.336, 151.662



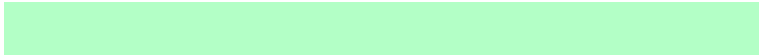
0, 0.000, 0.000



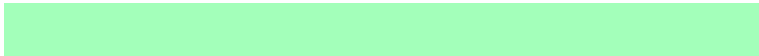
53, 0.007, 296.813

Same Dimension

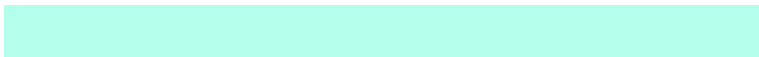
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 39.764, 149.995



93, 47.951, 149.353



95, 27.187, 176.607



52, 7.574, 151.734



68, 88.331, 139.702



23, 38.184, 142.399

Inverse Universe

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



82, 40.046, 334.399



78, 48.284, 334.873



81, 30.240, 2.888



50, 7.605, 332.947



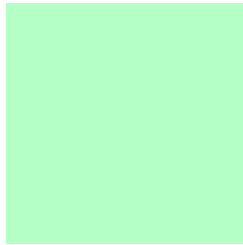
43, 76.829, 341.424



11, 36.114, 339.450

Previews

White Background



This preview shows how the CIE LCh color 94, 39.832, 149.978 looks on a white background.

Color Contrast Check

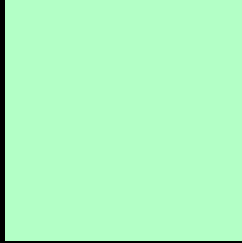
Large Text (above 18pt) WCAG AA × Fail

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, 39.832, 149.978 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

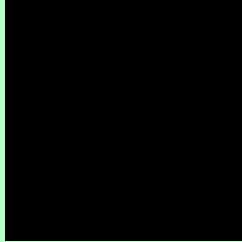
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 94, 39.832, 149.978

Background



This preview shows how black text looks on a background with the CIELCh color 94, 39.832, 149.978.

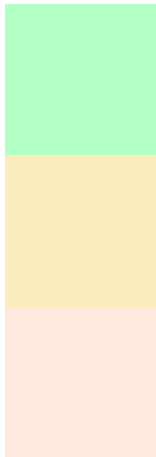


This preview shows how white text looks on a background with the CIELCh color 94, 39.832, 149.978.

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, 39.832, 149.978

Protanopia

94, 24.746, 94.766

Deuteranopia

94, 10.180, 53.425



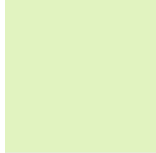
Tritanopia

94, 12.154, 232.459

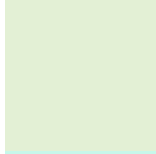
Trichromacy



Original Color
94, 39.832, 149.978



Protanomaly
93, 26.913, 122.648

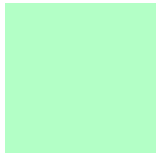


Deuteranomaly
93, 14.678, 127.917

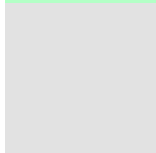


Tritanomaly
94, 17.851, 176.185

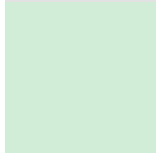
Monochromacy



Original Color
94, 39.832, 149.978



Achromatopsia
90, 0.011, 296.813



Achromatomaly
91, 14.855, 151.547

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 39.832, 149.978 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(179, 255, 198)` looks like.

```
.text, #text, p{  
    color:rgb(179, 255, 198)  
}
```

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(179, 255, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 255, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 39.832, 149.978 is called "border". The border property can be set on classes, ids or directly on the HTML element.

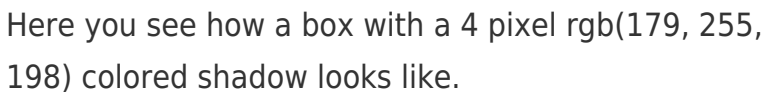
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(179, 255, 198) }
```

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

```
.border{ border-color:rgb(179, 255, 198) }
```

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



Here you see how a box with a 4 pixel `rgb(179, 255, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(179, 255, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(179, 255, 198); box-shadow:4px 4px 4px 4px rgb(179, 255, 198) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 39.832, 149.978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 255, 198) }
```

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

```
.background{ background-color: rgb(179,  
255, 198) }
```

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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