

Converting Colors

CIELCh(94, 39.609, 149.658)

Have a look what the booklet for
CIELCh(94, 39.609, 149.658)
contains.

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Color

CIELCh(94, 39.609, 149.658)

Conversions

Conversions Part 1

Format	Color
Hex	B4FFC6
RGB	180, 255, 198
RGB Percent	71%, 100%, 78%
CMY	0.2942, 0.0001, 0.2237
CMYK	0.29, 0.00, 0.22, 0.00
HSL	134°, 100%, 85%
HSV	134°, 29%, 100%
XYZ	64.7517, 85.2715, 66.4512
YIQ	226.0770, -26.4030, -33.6270

Conversions

Conversions Part 2

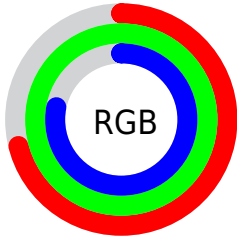
Format	Color
RYB	180, 240, 255
Decimal	11861958
CIELab	94.00, -34.18, 20.01
CIELCh	94, 39.609, 149.658
Yxy	85.2715, 0.2991, 0.3939
Android (android.graphics.Color)	4290052038 (0xFFB4FFC6)
YUV	226.0770, -13.8420, -40.4095
Hunter-Lab	92.3426, -36.4332, 21.9738

Details

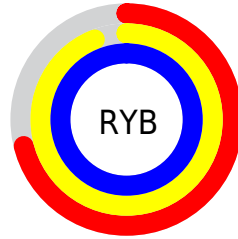
The CIELCh color **94, 39.609, 149.658** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **82, 39.866, 333.962**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 6.178, 199.121**, and **74, 39.682, 149.675** is the 20% darker color. If you saturate the color by 10%, you get **92, 52.770, 148.609**, and if you desaturate by 10%, it is **96, 26.162, 150.565**.

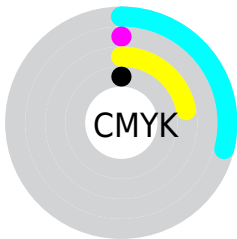
Distribution



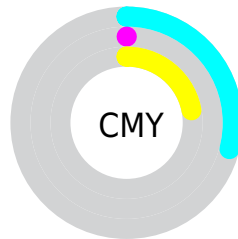
- Red (71%)
- Green (100%)
- Blue (78%)



- Red (71%)
- Yellow (94%)
- Blue (100%)



- Cyan (29%)
- Magenta (0%)
- Yellow (22%)
- Black (0%)



- Cyan (29%)
- Magenta (0%)
- Yellow (22%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 39.609, 149.658 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, 39.609, 149.658 by changing the saturation by 10% instead.


 94, 39.609,
149.658


 94, 39.609,
149.658

 100, 39.609,
149.658


 84, 39.609,
149.658

 74, 39.609,
149.658

 64, 39.609,
149.658

 54, 39.609,
149.658

 44, 39.609,
149.658

 34, 39.609,
149.658

 24, 39.609,

149.658

■ 14, 39.609,
149.658

■ 4, 39.609, 149.658

■ 94, 39.609,
149.658

■ 94, 39.609,
149.658

■ 92, 52.770,
148.609

■ 96, 26.162,
150.565

■ 91, 65.384,
147.399

■ 98, 12.638,
151.359

■ 90, 77.169,
146.014

100, 0.030,
314.117

■ 89, 87.840,
144.456

■ 89, 97.135,
142.749

■ 88, 104.840,
140.956

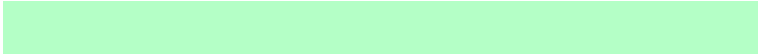
■ 88, 110.858,
139.212

■ 88, 111.167,
139.121

Harmonies

Complementary

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



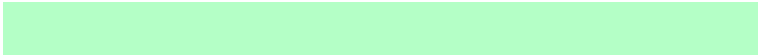
94, 39.609, 149.658



82, 39.866, 333.962

Rectangle

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



94, 39.609, 149.658



94, 39.609, 199.658



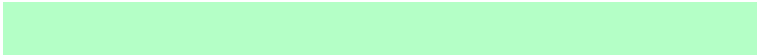
94, 39.609, 329.658



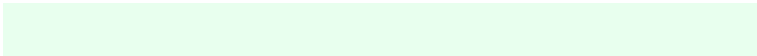
94, 39.609, 19.658

Sweetspot

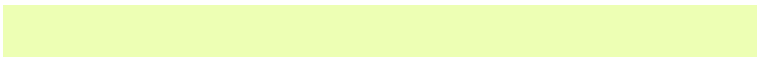
The Sweet Spot groups the original color and five complimentary colors.



94, 39.611, 149.658



98, 12.078, 151.391



97, 38.301, 117.350



52, 8.400, 151.280



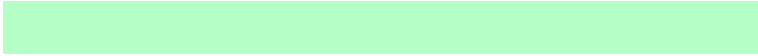
0, 0.000, 0.000



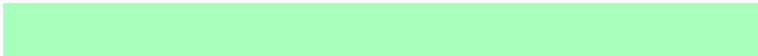
53, 0.007, 296.813

Same Dimension

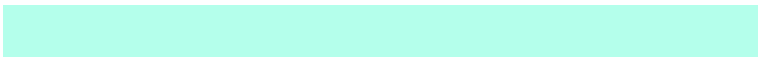
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 39.611, 149.658



93, 47.015, 149.091



95, 27.189, 175.414



52, 7.632, 151.353



68, 88.876, 139.440



23, 38.452, 142.092

Inverse Universe

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



82, 39.866, 333.962



79, 47.311, 334.378



81, 30.024, 1.624



50, 7.662, 332.555



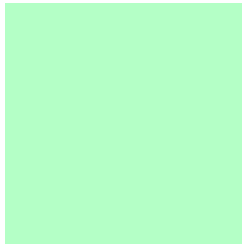
43, 77.393, 340.731



11, 36.355, 338.874

Previews

White Background



This preview shows how the CIE LCh color 94, 39.609, 149.658 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, 39.609, 149.658 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

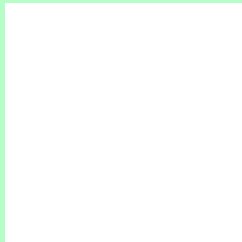
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 39.609, 149.658

Background



This preview shows how black text looks on a background with the CIELCh color 94, 39.609, 149.658.

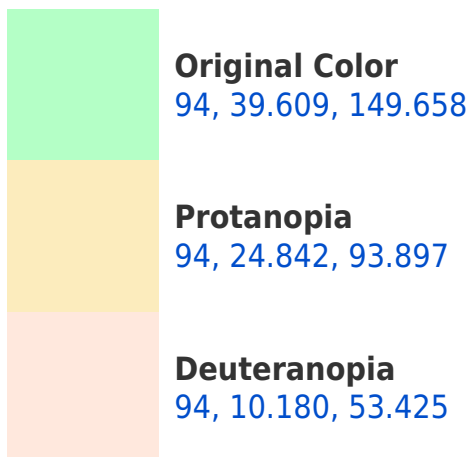


This preview shows how white text looks on a background with the CIELCh color 94, 39.609, 149.658.

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





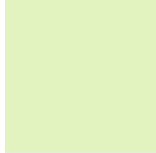
Tritanopia

94, 12.154, 232.459

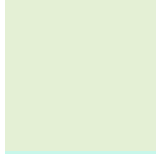
Trichromacy



Original Color
94, 39.609, 149.658



Protanomaly
93, 26.815, 121.888

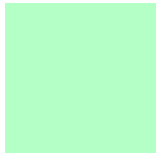


Deuteranomaly
93, 14.559, 126.583

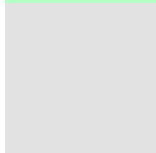


Tritanomaly
94, 17.551, 175.813

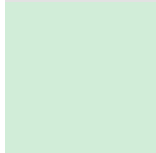
Monochromacy



Original Color
94, 39.609, 149.658



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, 39.609, 149.658 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, 198)` looks like.

```
.text, #text, p{  
    color:rgb(180, 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(180, 255, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 255, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 39.609, 149.658 is called "border". The border property can be set on classes, ids or directly on the HTML element.

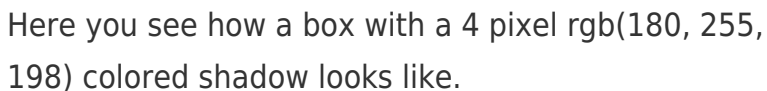
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(180, 255, 198) }
```

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

```
.border{ border-color:rgb(180, 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(180, 255, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 255, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 255, 198);  
box-shadow:4px 4px 4px 4px rgb(180, 255,  
198) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 39.609, 149.658 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, 198) }
```

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

```
.background{ background-color: rgb(180,  
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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