

Converting Colors

CIELCh(97, 44.241, 150.209)

Have a look what the booklet for
CIELCh(97, 44.241, 150.209)
contains.

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Color

CIELCh(94, 38.043, 151.629)

Conversions

Conversions Part 1

Format	Color
Hex	B4FFCA
RGB	180, 255, 202
RGB Percent	71%, 100%, 79%
CMY	0.2951, 0.0010, 0.2088
CMYK	0.29, 0.00, 0.21, 0.00
HSL	138°, 99%, 85%
HSV	138°, 29%, 100%
XYZ	65.0657, 85.2715, 68.7471
YIQ	226.5330, -27.6870, -32.3830

Conversions

Conversions Part 2

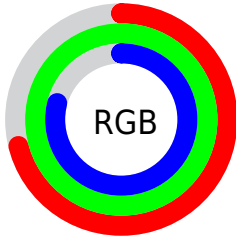
Format	Color
RYB	180, 238, 255
Decimal	11861962
CIELab	94.00, -33.47, 18.08
CIELCh	94, 38.043, 151.629
Yxy	85.2715, 0.2970, 0.3892
Android (android.graphics.Color)	4290052042 (0xFFB4FFCA)
YUV	226.5330, -12.0948, -40.8094
Hunter-Lab	92.3426, -35.8263, 20.4997

Details

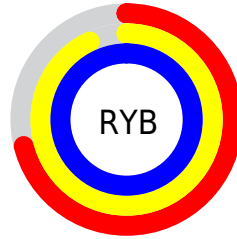
The CIELCh color **94, 38.043, 151.629** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **82, 38.431, 336.153**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 6.178, 199.121**, and **74, 38.044, 151.741** is the 20% darker color. If you saturate the color by 10%, you get **92, 50.650, 150.553**, and if you desaturate by 10%, it is **96, 25.152, 152.563**.

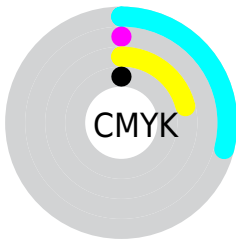
Distribution



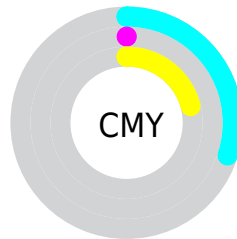
- Red (71%)
- Green (100%)
- Blue (79%)



- Red (71%)
- Yellow (93%)
- Blue (100%)



- Cyan (29%)
- Magenta (0%)
- Yellow (21%)
- Black (0%)



- Cyan (30%)
- Magenta (0%)
- Yellow (21%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 38.043, 151.629 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, 38.043, 151.629 by changing the saturation by 10% instead.

 94, 38.043,
151.629

 94, 38.043,
151.629

 100, 38.043,
151.629

 84, 38.043,
151.629

 74, 38.043,
151.629

 64, 38.043,
151.629

 54, 38.043,
151.629

 44, 38.043,
151.629

 34, 38.043,
151.629

 24, 38.043,

151.629

■ 14, 38.043,
151.629

■ 4, 38.043, 151.629

■ 94, 38.043,
151.629

■ 94, 38.043,
151.629

■ 92, 50.650,
150.553

■ 96, 25.152,
152.563

■ 91, 62.730,
149.314

■ 98, 12.173,
153.387

■ 90, 74.029,
147.892

100, 0.175,
322.677

■ 89, 84.297,
146.282

■ 89, 93.320,
144.494

■ 88, 100.946,
142.575

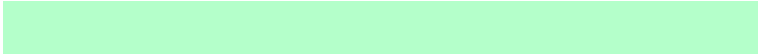
■ 88, 107.146,
140.639

■ 88, 107.461,
140.539

Harmonies

Complementary

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



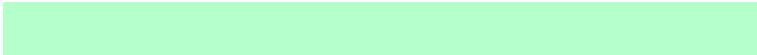
94, 38.043, 151.629



82, 38.431, 336.153

Rectangle

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



94, 38.043, 151.629



94, 38.043, 201.629



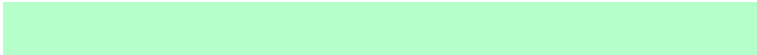
94, 38.043, 331.629



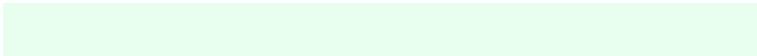
94, 38.043, 21.629

Sweetspot

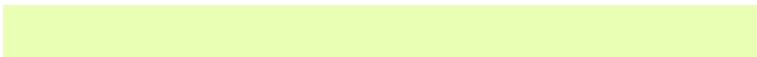
The Sweet Spot groups the original color and five complimentary colors.



94, 38.045, 151.629



98, 11.613, 153.422



97, 38.598, 119.401



52, 8.076, 153.307



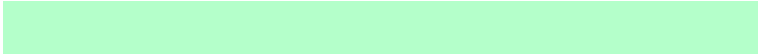
0, 0.000, 0.000



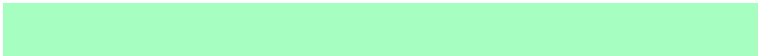
53, 0.007, 296.813

Same Dimension

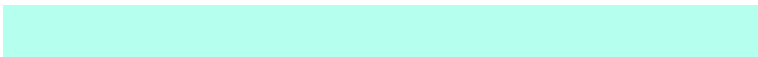
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 38.045, 151.629



93, 45.142, 151.049



95, 26.325, 179.182



52, 7.338, 153.382



68, 85.909, 140.896



23, 37.034, 143.759

Inverse Universe

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



82, 38.431, 336.153



79, 45.625, 336.606



81, 29.606, 5.307



50, 7.375, 334.640



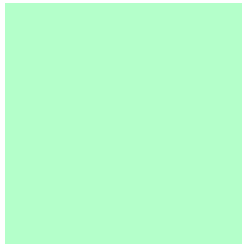
43, 74.631, 344.452



11, 35.155, 341.953

Previews

White Background



This preview shows how the CIE LCh color 94, 38.043, 151.629 looks on a white background.

Color Contrast Check

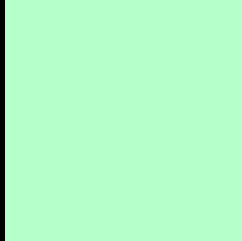
Large Text (above 18pt) WCAG AA × Fail

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, 38.043, 151.629 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

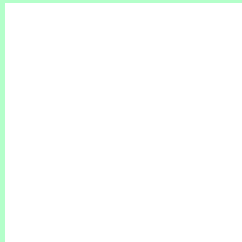
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 38.043, 151.629

Background



This preview shows how black text looks on a background with the CIELCh color 94, 38.043, 151.629.

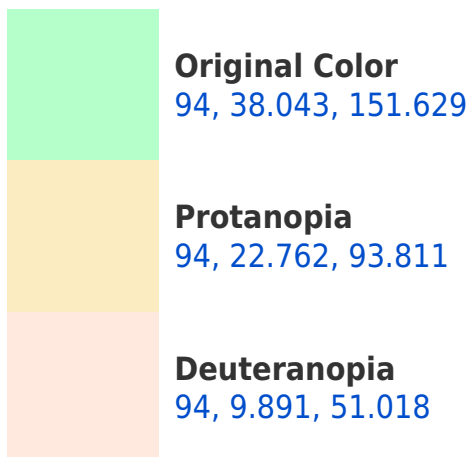


This preview shows how white text looks on a background with the CIELCh color 94, 38.043, 151.629.

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



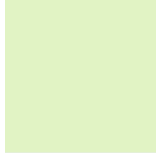


Tritanopia
94, 12.176, 229.471

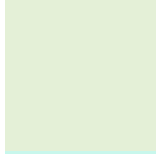
Trichromacy



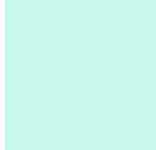
Original Color
94, 38.043, 151.629



Protanomaly
93, 24.957, 123.886

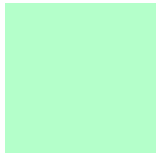


Deuteranomaly
93, 13.584, 127.904

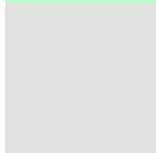


Tritanomaly
94, 17.113, 178.934

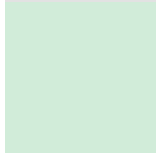
Monochromacy



Original Color
94, 38.043, 151.629



Achromatopsia
90, 0.011, 296.813



Achromatomaly
91, 13.852, 153.346

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 38.043, 151.629 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, 202)` looks like.

```
.text, #text, p{  
    color:rgb(180, 255, 202)  
}
```

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, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 255, 202) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 38.043, 151.629 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, 202) }
```

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

```
.border{ border-color:rgb(180, 255, 202) }
```

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, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 255, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 255, 202);  
box-shadow:4px 4px 4px 4px rgb(180, 255,  
202) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 38.043, 151.629 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, 202) }
```

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

```
.background{ background-color: rgb(180,  
255, 202) }
```

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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