

Converting Colors

CIELCh(100, 49.059, 150.322)

Have a look what the booklet for
CIELCh(100, 49.059, 150.322)
contains.

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Color

CIELCh(94, 36.748, 154.074)

Conversions

Conversions Part 1

Format	Color
Hex	B3FFCE
RGB	179, 255, 206
RGB Percent	70%, 100%, 81%
CMY	0.2994, 0.0014, 0.1935
CMYK	0.30, 0.00, 0.19, 0.00
HSL	141°, 99%, 85%
HSV	141°, 30%, 100%
XYZ	65.2537, 85.2715, 71.1924
YIQ	226.6900, -29.5670, -31.3510

Conversions

Conversions Part 2

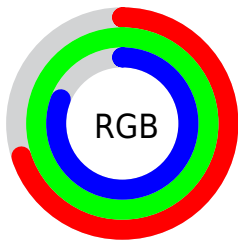
Format	Color
RYB	179, 235, 255
Decimal	11796430
CIELab	94.00, -33.05, 16.07
CIELCh	94, 36.748, 154.074
Yxy	85.2715, 0.2943, 0.3846
Android (android.graphics.Color)	4289986510 (0xFFB3FFCE)
YUV	226.6900, -10.2002, -41.8241
Hunter-Lab	92.3426, -35.4629, 18.9296

Details

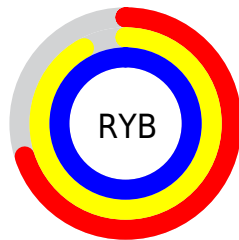
The CIELCh color **94, 36.748, 154.074** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **81, 37.341, 338.954**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 6.515, 199.095**, and **74, 36.676, 154.287** is the 20% darker color. If you saturate the color by 10%, you get **92, 48.705, 152.960**, and if you desaturate by 10%, it is **96, 24.491, 155.047**.

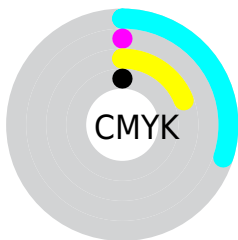
Distribution



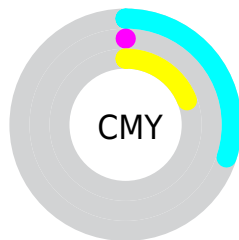
- Red (70%)
- Green (100%)
- Blue (81%)



- Red (70%)
- Yellow (92%)
- Blue (100%)



- Cyan (30%)
- Magenta (0%)
- Yellow (19%)
- Black (0%)





- Cyan (30%)
- Magenta (0%)
- Yellow (19%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 94, 36.748, 154.074 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, 36.748, 154.074 by changing the saturation by 10% instead.


 94, 36.748,
154.074


 94, 36.748,
154.074


 100, 36.748,
154.074


 84, 36.748,
154.074

 74, 36.748,
154.074

 64, 36.748,
154.074

 54, 36.748,
154.074

 44, 36.748,
154.074

 34, 36.748,
154.074

 24, 36.748,

154.074

■ 14, 36.748,
154.074

■ 4, 36.748, 154.074

■ 94, 36.748,
154.074

■ 94, 36.748,
154.074

■ 92, 48.705,
152.960

■ 96, 24.491,
155.047

■ 91, 60.137,
151.681

■ 98, 12.121,
155.912

■ 90, 70.815,
150.215

100, 0.192,
331.027

■ 89, 80.522,
148.549

100, 0.231,
323.109

■ 89, 89.087,
146.685

■ 88, 96.414,
144.653

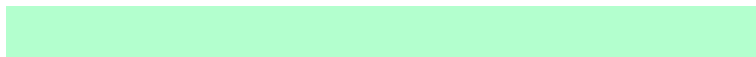
■ 88, 102.553,
142.557

■ 88, 102.644,
142.526

Harmonies

Complementary

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



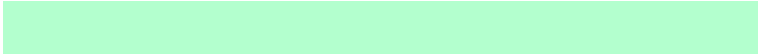
94, 36.748, 154.074



81, 37.341, 338.954

Rectangle

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



94, 36.748, 154.074



94, 36.748, 204.074



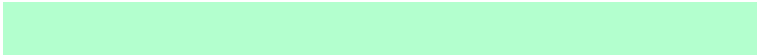
94, 36.748, 334.074



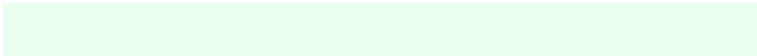
94, 36.748, 24.074

Sweetspot

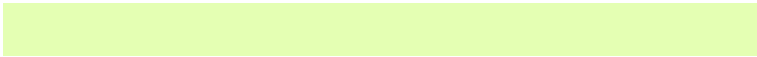
The Sweet Spot groups the original color and five complimentary colors.



94, 36.750, 154.073



98, 11.093, 155.982



96, 39.583, 122.040



52, 7.713, 155.861



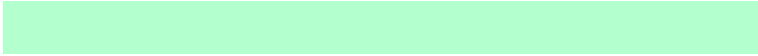
0, 0.000, 0.000



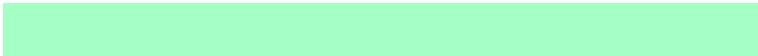
53, 0.007, 296.813

Same Dimension

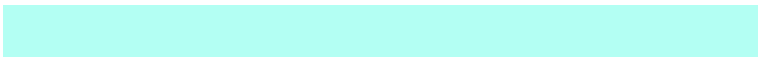
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 36.750, 154.073



93, 44.212, 153.405



95, 25.656, 184.531



52, 7.009, 155.940



68, 82.035, 142.916



23, 35.289, 145.957

Inverse Universe

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



81, 37.341, 338.954



78, 45.002, 339.519



80, 29.677, 10.414



50, 7.056, 337.270



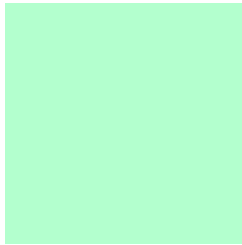
42, 71.924, 349.234



11, 33.919, 345.883

Previews

White Background



This preview shows how the CIE LCh color 94, 36.748, 154.074 looks on a white background.

Color Contrast Check

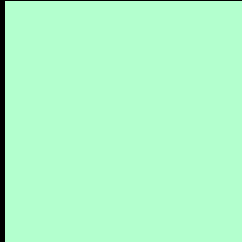
Large Text (above 18pt) WCAG AA × Fail

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, 36.748, 154.074 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

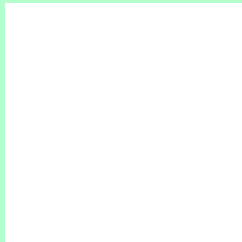
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 36.748, 154.074

Background



This preview shows how black text looks on a background with the CIELCh color 94, 36.748, 154.074.

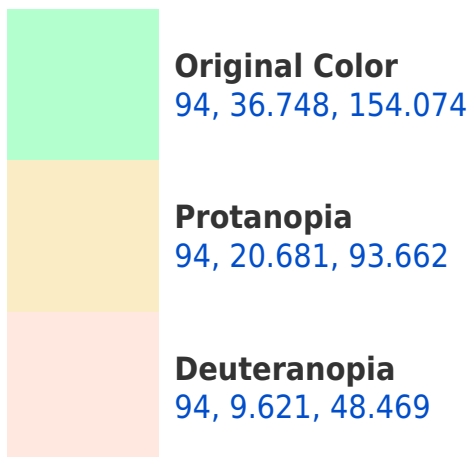


This preview shows how white text looks on a background with the CIELCh color 94, 36.748, 154.074.

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



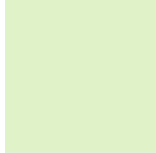


Tritanopia
94, 12.451, 228.710

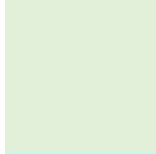
Trichromacy



Original Color
94, 36.748, 154.074



Protanomaly
94, 23.122, 126.167

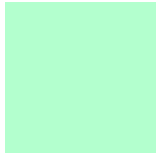


Deuteranomaly
93, 12.751, 130.915

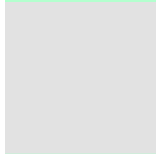


Tritanomaly
94, 17.219, 180.853

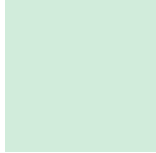
Monochromacy



Original Color
94, 36.748, 154.074



Achromatopsia
90, 0.011, 296.813



Achromatomaly
91, 13.109, 156.438

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 36.748, 154.074 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, 206)` looks like.

```
.text, #text, p{  
    color:rgb(179, 255, 206)  
}
```

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, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 255, 206) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 36.748, 154.074 is called "border". The border property can be set on classes, ids or directly on the HTML element.

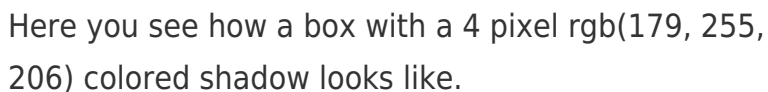
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(179, 255, 206) }
```

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

```
.border{ border-color:rgb(179, 255, 206) }
```

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, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(179, 255, 206); -webkit-box-shadow:4px 4px 4px 4px rgb(179, 255, 206); box-shadow:4px 4px 4px 4px rgb(179, 255, 206) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 36.748, 154.074 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, 206) }
```

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

```
.background{ background-color: rgb(179,  
255, 206) }
```

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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