

Converting Colors

CIELCh(94, 31.151, 193.839)

Have a look what the booklet for
CIELCh(94, 31.151, 193.839)
contains.

CIELCh(94, 31.303, 193.668)	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, 31.303, 193.668)

Conversions

Conversions Part 1

Format	Color
Hex	9AFFFB
RGB	154, 255, 251
RGB Percent	60%, 100%, 98%
CMY	0.3965, 0.0004, 0.0161
CMYK	0.40, 0.00, 0.02, 0.00
HSL	178°, 100%, 80%
HSV	178°, 40%, 100%
XYZ	66.4293, 85.2715, 104.1387
YIQ	224.3450, -58.9120, -22.6560

Conversions

Conversions Part 2

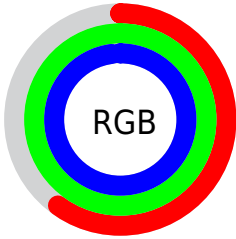
Format	Color
RYB	154, 206, 255
Decimal	10158075
CIELab	94.00, -30.42, -7.40
CIELCh	94, 31.303, 193.668
Yxy	85.2715, 0.2597, 0.3333
Android (android.graphics.Color)	4288348155 (0xFF9AFFFB)
YUV	224.3450, 13.1409, -61.6926
Hunter-Lab	92.3426, -33.1905, -2.2241

Details

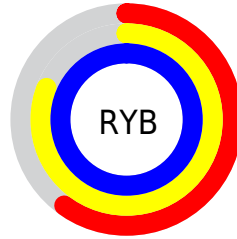
The CIELCh color **94, 31.303, 193.668** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **74, 40.687, 20.378**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **97, 14.367, 198.548**, and **74, 31.244, 194.075** is the 20% darker color. If you saturate the color by 10%, you get **93, 37.341, 193.095**, and if you desaturate by 10%, it is **95, 24.372, 194.261**.

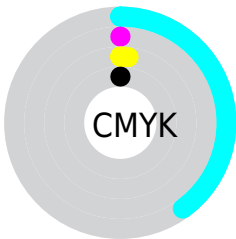
Distribution



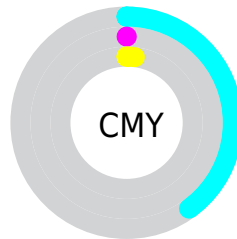
- Red (60%)
- Green (100%)
- Blue (98%)



- Red (60%)
- Yellow (81%)
- Blue (100%)



- Cyan (40%)
- Magenta (0%)
- Yellow (2%)
- Black (0%)



- Cyan (40%)
- Magenta (0%)
- Yellow (2%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 31.303, 193.668 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, 31.303, 193.668 by changing the saturation by 10% instead.

 94, 31.303,
193.668

 94, 31.303,
193.668

 100, 31.303,
193.668

 84, 31.303,
193.668

 74, 31.303,
193.668

 64, 31.303,
193.668

 54, 31.303,
193.668

 44, 31.303,
193.668

 34, 31.303,
193.668

 24, 31.303,

193.668

■ 14, 31.303,
193.668

■ 4, 31.303, 193.668

■ 94, 31.303,
193.668

■ 94, 31.303,
193.668

■ 93, 37.341,
193.095

■ 95, 24.372,
194.261

■ 92, 42.365,
192.547

■ 97, 16.689,
194.887

■ 92, 46.294,
192.013

■ 98, 8.404, 195.560

100, 0.048,

■ 91, 49.108,
191.484

339.336

100, 0.073,

■ 91, 50.859,
190.948

320.167

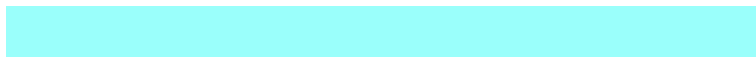
■ 91, 51.742,
190.395

■ 91, 51.769,
190.374

Harmonies

Complementary

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



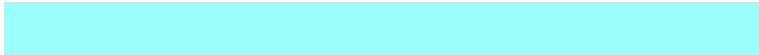
94, 31.303, 193.668



74, 40.687, 20.378

Rectangle

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



94, 31.303, 193.668



94, 31.303, 243.668



94, 31.303, 13.668



94, 31.303, 63.668

Sweetspot

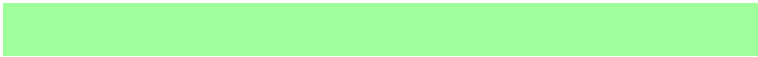
The Sweet Spot groups the original color and five complimentary colors.



94, 31.303, 193.666



98, 10.423, 195.393



92, 61.882, 140.294



52, 6.891, 195.303



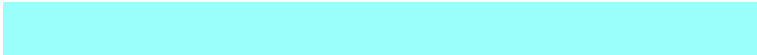
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

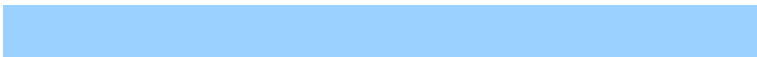
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 31.303, 193.666



93, 36.438, 193.186



82, 28.682, 256.466



52, 4.968, 195.569



70, 41.683, 190.473



24, 19.094, 191.164

Inverse Universe

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



74, 40.687, 20.378



69, 50.470, 21.967



84, 33.381, 65.240



49, 5.255, 16.737



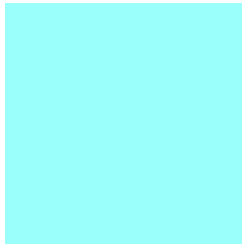
40, 82.523, 38.482



10, 33.045, 25.590

Previews

White Background



This preview shows how the CIE LCh color 94, 31.303, 193.668 looks on a white background.

Color Contrast Check

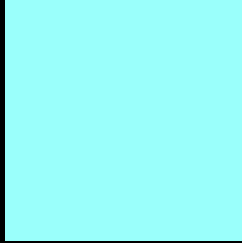
Large Text (above 18pt) WCAG AA × Fail

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, 31.303, 193.668 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

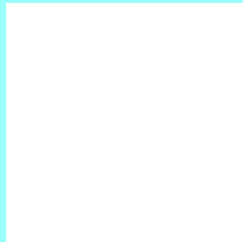
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 31.303, 193.668

Background



This preview shows how black text looks on a background with the CIELCh color 94, 31.303, 193.668.

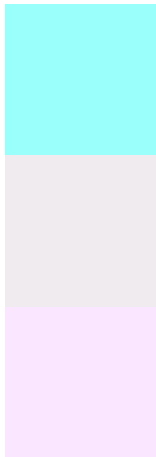


This preview shows how white text looks on a background with the CIELCh color 94, 31.303, 193.668.

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, 31.303, 193.668

Protanopia
94, 2.740, 330.529

Deuteranopia
94, 14.720, 319.231



Tritanopia
94, 14.510, 221.752

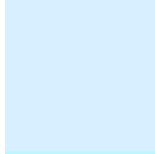
Trichromacy



Original Color
94, 31.303, 193.668



Protanomaly
93, 11.221, 201.375



Deuteranomaly
93, 11.017, 243.837

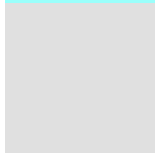


Tritanomaly
94, 20.457, 206.929

Monochromacy



Original Color
94, 31.303, 193.668



Achromatopsia
89, 0.011, 296.813



Achromatomaly
91, 12.322, 196.203

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 31.303, 193.668 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(154, 255, 251)` looks like.

```
.text, #text, p{  
    color:rgb(154, 255, 251)  
}
```

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(154, 255, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 255, 251) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 31.303, 193.668 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(154, 255, 251) }
```

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

```
.border{ border-color:rgb(154, 255, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 255, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 255, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 255, 251);  
box-shadow:4px 4px 4px 4px rgb(154, 255,  
251) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 31.303, 193.668 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 255, 251) }
```

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

```
.background{ background-color: rgb(154,  
255, 251) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor