

Converting Colors

CIELCh(94, 29.144, 194.548)

Have a look what the booklet for
CIELCh(94, 29.144, 194.548)
contains.

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Color

CIElCh(94, 29.149, 194.540)

Conversions

Conversions Part 1

Format	Color
Hex	A1FEFB
RGB	161, 254, 251
RGB Percent	63%, 100%, 98%
CMY	0.3694, 0.0047, 0.0164
CMYK	0.37, 0.00, 0.01, 0.00
HSL	178°, 98%, 81%
HSV	178°, 37%, 100%
XYZ	67.4228, 85.2715, 104.0139
YIQ	225.8510, -54.4650, -20.6490

Conversions

Conversions Part 2

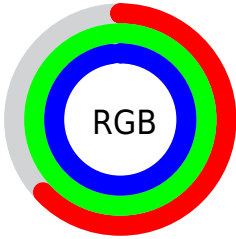
Format	Color
RYB	161, 208, 254
Decimal	10616571
CIELab	94.00, -28.22, -7.32
CIELCh	94, 29.149, 194.540
Yxy	85.2715, 0.2626, 0.3322
Android (android.graphics.Color)	4288806651 (0xFFA1FEFB)
YUV	225.8510, 12.3985, -56.8743
Hunter-Lab	92.3426, -31.2700, -2.1440

Details

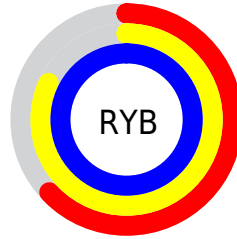
The CIELCh color **94, 29.149, 194.540** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **76, 37.193, 20.442**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 12.126, 198.696**, and **74, 29.075, 195.084** is the 20% darker color. If you saturate the color by 10%, you get **93, 35.411, 193.996**, and if you desaturate by 10%, it is **95, 22.032, 195.111**.

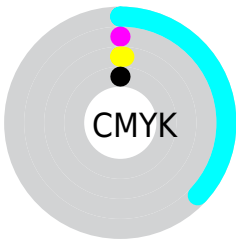
Distribution



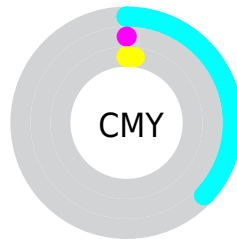
- Red (63%)
- Green (100%)
- Blue (98%)



- Red (63%)
- Yellow (82%)
- Blue (100%)



- Cyan (37%)
- Magenta (0%)
- Yellow (1%)
- Black (0%)



- Cyan (37%)
- Magenta (0%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 29.149, 194.540 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, 29.149, 194.540 by changing the saturation by 10% instead.

 94, 29.149,
194.540

 94, 29.149,
194.540

 100, 29.149,
194.540


 84, 29.149,
194.540

 74, 29.149,
194.540

 64, 29.149,
194.540

 54, 29.149,
194.540

 44, 29.149,
194.540

 34, 29.149,
194.540

 24, 29.149,

194.540

■ 14, 29.149,
194.540

■ 4, 29.149, 194.540

■ 94, 29.149,
194.540

■ 94, 29.149,
194.540

■ 93, 35.411,
193.996

■ 95, 22.032,
195.111

■ 92, 40.689,
193.486

■ 97, 14.203,
195.723

■ 91, 44.893,
193.001

■ 98, 5.812, 196.410

■ 91, 47.983,
192.535

100, 0.445,
359.568

100, 0.708,

■ 91, 49.990,
192.078

326.208

■ 91, 51.032,
191.616

100, 0.747,
324.054

■ 91, 51.257,
191.461

Harmonies

Complementary

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



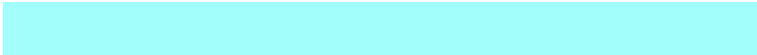
94, 29.149, 194.540



76, 37.193, 20.442

Rectangle

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



94, 29.149, 194.540



94, 29.149, 244.540



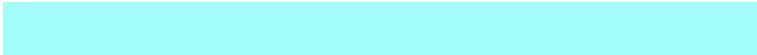
94, 29.149, 14.540



94, 29.149, 64.540

Sweetspot

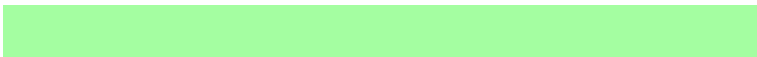
The Sweet Spot groups the original color and five complimentary colors.



94, 29.149, 194.537



98, 9.567, 196.092



92, 57.463, 140.949



52, 6.406, 196.001



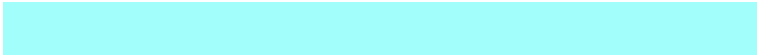
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

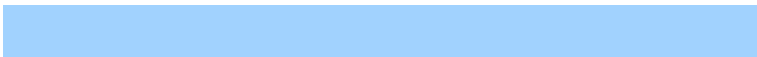
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 29.149, 194.537



94, 33.975, 194.135



82, 26.972, 257.787



52, 4.962, 196.196



70, 41.411, 191.542



24, 18.987, 192.111

Inverse Universe

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



76, 37.193, 20.442



72, 45.853, 21.708



85, 30.638, 67.342



49, 5.254, 17.332



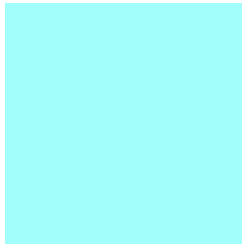
40, 82.818, 38.753



10, 33.103, 25.886

Previews

White Background



This preview shows how the CIE LCh color 94, 29.149, 194.540 looks on a white background.

Color Contrast Check

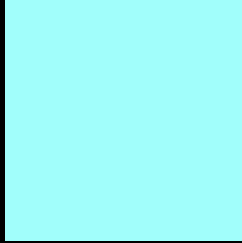
Large Text (above 18pt) WCAG AA × Fail

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, 29.149, 194.540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

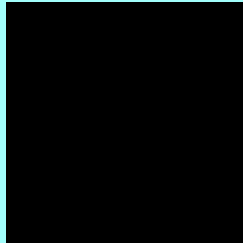
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 94, 29.149, 194.540

Background



This preview shows how black text looks on a background with the CIELCh color 94, 29.149, 194.540.



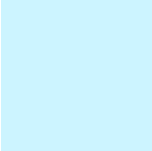
This preview shows how white text looks on a background with the CIELCh color 94, 29.149, 194.540.

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



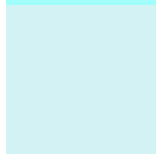


Tritanopia
94, 14.224, 222.260

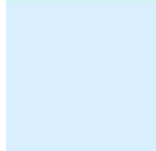
Trichromacy



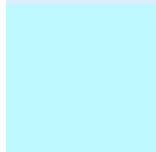
Original Color
94, 29.149, 194.540



Protanomaly
93, 10.573, 204.401



Deuteranomaly
93, 9.985, 245.573

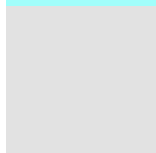


Tritanomaly
94, 19.568, 205.837

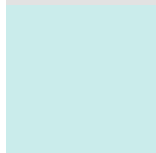
Monochromacy



Original Color
94, 29.149, 194.540



Achromatopsia
90, 0.011, 296.813



Achromatomaly
91, 11.660, 196.118

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 29.149, 194.540 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(161, 254, 251)` looks like.

```
.text, #text, p{  
    color:rgb(161, 254, 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(161, 254, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 254, 251) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 29.149, 194.540 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(161, 254, 251) }
```

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

```
.border{ border-color:rgb(161, 254, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 254, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 254, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 254, 251);  
box-shadow:4px 4px 4px 4px rgb(161, 254,  
251) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 29.149, 194.540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 254, 251) }
```

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

```
.background{ background-color: rgb(161,  
254, 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](#).

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