

Converting Colors

CIELCh(94, 31.495, 170.855)

Have a look what the booklet for
CIELCh(94, 31.495, 170.855)
contains.

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Color

CIElCh(94, 31.197, 170.921)

Conversions

Conversions Part 1

Format	Color
Hex	ABFEE3
RGB	171, 254, 227
RGB Percent	67%, 100%, 89%
CMY	0.3285, 0.0030, 0.1089
CMYK	0.33, 0.00, 0.11, 0.00
HSL	160°, 98%, 83%
HSV	160°, 33%, 100%
XYZ	66.2544, 85.2715, 85.8024
YIQ	226.1050, -40.8010, -25.9930

Conversions

Conversions Part 2

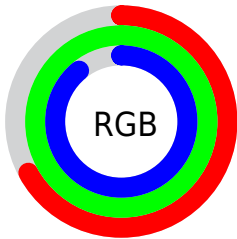
Format	Color
RYB	171, 221, 254
Decimal	11271907
CIELab	94.00, -30.81, 4.92
CIELCh	94, 31.197, 170.921
Yxy	85.2715, 0.2792, 0.3593
Android (android.graphics.Color)	4289461987 (0xFFABFEE3)
YUV	226.1050, 0.4412, -48.3271
Hunter-Lab	92.3426, -33.5284, 9.5491

Details

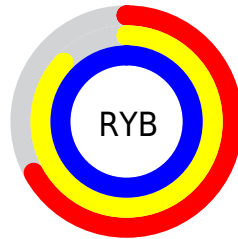
The CIELCh color **94, 31.197, 170.921** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **79, 34.103, 357.922**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 9.184, 198.897**, and **74, 31.018, 171.115** is the 20% darker color. If you saturate the color by 10%, you get **93, 39.898, 169.690**, and if you desaturate by 10%, it is **96, 21.976, 172.041**.

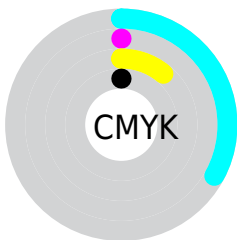
Distribution



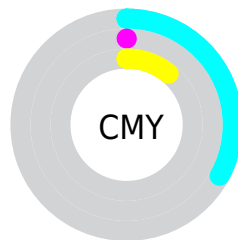
- Red (67%)
- Green (100%)
- Blue (89%)



- Red (67%)
- Yellow (87%)
- Blue (100%)



- Cyan (33%)
- Magenta (0%)
- Yellow (11%)
- Black (0%)





- Cyan (33%)
- Magenta (0%)
- Yellow (11%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 94, 31.197, 170.921 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, 31.197, 170.921 by changing the saturation by 10% instead.


 94, 31.197,
170.921


 94, 31.197,
170.921


 100, 31.197,
170.921


 84, 31.197,
170.921

 74, 31.197,
170.921

 64, 31.197,
170.921

 54, 31.197,
170.921

 44, 31.197,
170.921

 34, 31.197,
170.921

 24, 31.197,

170.921

■ 14, 31.197,
170.921

■ 4, 31.197, 170.921

■ 94, 31.197,
170.921

■ 94, 31.197,
170.921

■ 93, 39.898,
169.690

■ 96, 21.976,
172.041

■ 92, 47.908,
168.327

■ 97, 12.396,
173.083

■ 91, 55.072,
166.805

■ 99, 2.607, 174.199

■ 90, 61.277,
165.098

100, 0.484,
323.819

■ 89, 66.471,
163.188

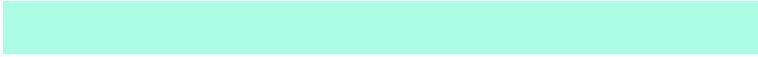
■ 89, 70.695,
161.069

■ 89, 73.328,
159.424

Harmonies

Complementary

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



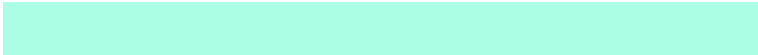
94, 31.197, 170.921



79, 34.103, 357.922

Rectangle

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



94, 31.197, 170.921



94, 31.197, 220.921



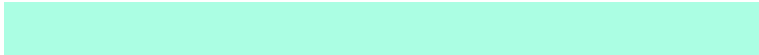
94, 31.197, 350.921



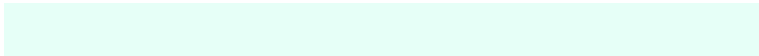
94, 31.197, 40.921

Sweetspot

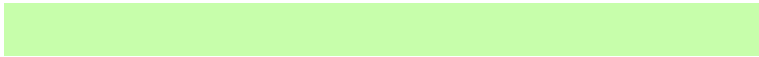
The Sweet Spot groups the original color and five complimentary colors.



94, 31.198, 170.919



98, 9.840, 173.352



94, 46.823, 133.109



52, 6.708, 173.209



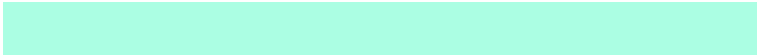
0, 0.000, 0.000



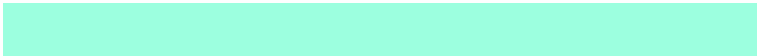
53, 0.007, 296.813

Same Dimension

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



94, 31.198, 170.919



93, 36.883, 170.152



91, 22.685, 216.691



52, 5.596, 173.403



69, 58.786, 159.841



23, 25.746, 162.909

Inverse Universe

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



79, 34.103, 357.922



75, 41.043, 358.908



81, 28.720, 36.051



50, 5.740, 355.075



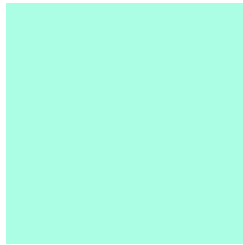
40, 69.880, 18.936



10, 31.370, 10.909

Previews

White Background



This preview shows how the CIE LCh color 94, 31.197, 170.921 looks on a white background.

Color Contrast Check

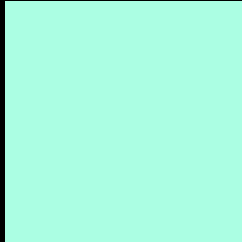
Large Text (above 18pt) WCAG AA × Fail

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, 31.197, 170.921 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

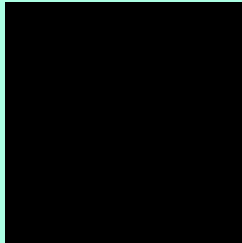
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 94, 31.197, 170.921

Background



This preview shows how black text looks on a background with the CIELCh color 94, 31.197, 170.921.

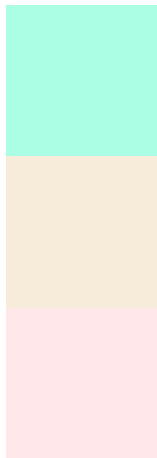


This preview shows how white text looks on a background with the CIELCh color 94, 31.197, 170.921.

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, 31.197, 170.921

Protanopia
94, 10.407, 88.681

Deuteranopia
94, 8.795, 9.886

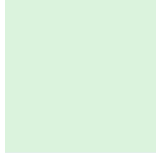


Tritanopia
94, 13.284, 226.624

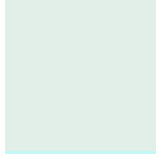
Trichromacy



Original Color
94, 31.197, 170.921



Protanomaly
94, 14.269, 146.189

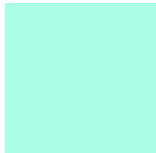


Deuteranomaly
93, 6.154, 163.241

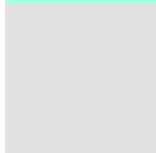


Tritanomaly
94, 17.684, 194.939

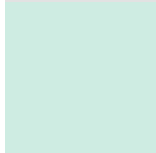
Monochromacy



Original Color
94, 31.197, 170.921



Achromatopsia
90, 0.011, 296.813



Achromatomaly
91, 11.786, 172.549

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 31.197, 170.921 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(171, 254, 227)` looks like.

```
.text, #text, p{  
    color:rgb(171, 254, 227)  
}
```

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(171, 254, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 254, 227) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 31.197, 170.921 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(171, 254, 227) }
```

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

```
.border{ border-color:rgb(171, 254, 227) }
```

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

Here you see how a box with a 4 pixel rgb(171, 254, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 254, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 254, 227);  
box-shadow:4px 4px 4px 4px rgb(171, 254,  
227) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 31.197, 170.921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 254, 227) }
```

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

```
.background{ background-color: rgb(171,  
254, 227) }
```

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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