

Converting Colors

CIELCh(94, 31.516, 171.950)

Have a look what the booklet for
CIELCh(94, 31.516, 171.950)
contains.

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Color

CIELCh(94, 31.447, 172.159)

Conversions

Conversions Part 1

Format	Color
Hex	A9FEE4
RGB	169, 254, 228
RGB Percent	66%, 100%, 89%
CMY	0.3356, 0.0022, 0.1042
CMYK	0.33, 0.00, 0.10, 0.00
HSL	162°, 99%, 83%
HSV	162°, 33%, 100%
XYZ	66.0991, 85.2715, 86.6869
YIQ	225.6210, -42.3140, -26.1060

Conversions

Conversions Part 2

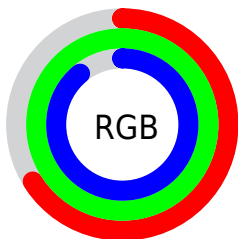
Format	Color
RYB	169, 219, 254
Decimal	11140836
CIELab	94.00, -31.15, 4.29
CIELCh	94, 31.447, 172.159
Yxy	85.2715, 0.2777, 0.3582
Android (android.graphics.Color)	4289330916 (0xFFA9FEE4)
YUV	225.6210, 1.1728, -49.6566
Hunter-Lab	92.3426, -33.8288, 8.9811

Details

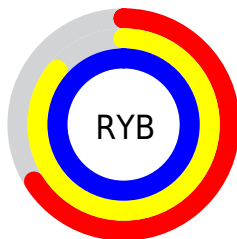
The CIELCh color **94, 31.447, 172.159** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **78, 34.696, 359.396**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 9.843, 198.851**, and **74, 31.227, 172.367** is the 20% darker color. If you saturate the color by 10%, you get **93, 39.934, 170.929**, and if you desaturate by 10%, it is **96, 22.410, 173.280**.

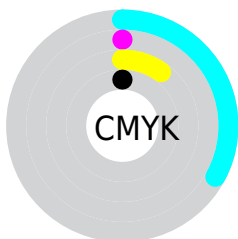
Distribution



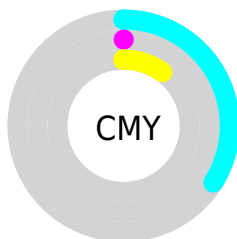
- Red (66%)
- Green (100%)
- Blue (89%)



- Red (66%)
- Yellow (86%)
- Blue (100%)



- Cyan (33%)
- Magenta (0%)
- Yellow (10%)
- Black (0%)





- Cyan (34%)
- Magenta (0%)
- Yellow (10%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 94, 31.447, 172.159 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, 31.447, 172.159 by changing the saturation by 10% instead.


 94, 31.447,
172.159


 94, 31.447,
172.159


 100, 31.447,
172.159


 84, 31.447,
172.159

 74, 31.447,
172.159

 64, 31.447,
172.159

 54, 31.447,
172.159

 44, 31.447,
172.159

 34, 31.447,
172.159

 24, 31.447,

172.159

■ 14, 31.447,
172.159

■ 4, 31.447, 172.159

■ 94, 31.447,
172.159

■ 94, 31.447,
172.159

■ 93, 39.934,
170.929

■ 96, 22.410,
173.280

■ 92, 47.702,
169.572

■ 97, 12.985,
174.324

■ 91, 54.603,
168.059

■ 99, 3.322, 175.405

■ 90, 60.529,
166.364

100, 0.354,
323.579

■ 90, 65.439,
164.468

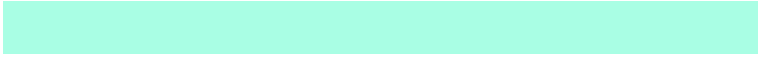
■ 89, 69.385,
162.368

■ 89, 71.594,
160.914

Harmonies

Complementary

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



94, 31.447, 172.159



78, 34.696, 359.396

Rectangle

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



94, 31.447, 172.159



94, 31.447, 222.159



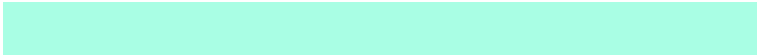
94, 31.447, 352.159



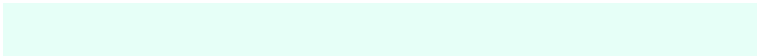
94, 31.447, 42.159

Sweetspot

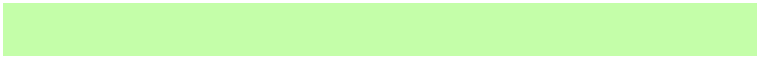
The Sweet Spot groups the original color and five complimentary colors.



94, 31.448, 172.157



98, 9.725, 174.672



94, 48.172, 133.584



52, 6.628, 174.528



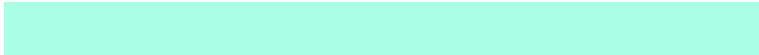
0, 0.000, 0.000



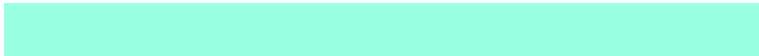
53, 0.007, 296.813

Same Dimension

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



94, 31.448, 172.157



93, 37.176, 171.361



90, 22.950, 218.929



52, 5.531, 174.722



69, 57.378, 161.325



23, 25.192, 164.340

Inverse Universe

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



78, 34.696, 359.396



75, 41.851, 0.454



81, 29.183, 37.664



50, 5.683, 356.399



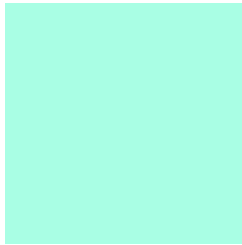
40, 70.482, 20.719



10, 31.437, 12.327

Previews

White Background



This preview shows how the CIELCh color 94, 31.447, 172.159 looks on a white background.

Color Contrast Check

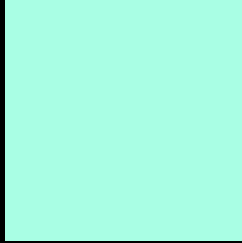
Large Text (above 18pt) WCAG AA × Fail

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, 31.447, 172.159 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

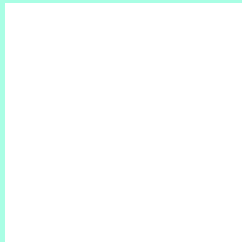
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 31.447, 172.159

Background



This preview shows how black text looks on a background with the CIELCh color 94, 31.447, 172.159.

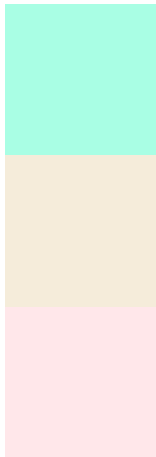


This preview shows how white text looks on a background with the CIELCh color 94, 31.447, 172.159.

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, 31.447, 172.159

Protanopia
94, 9.796, 89.716

Deuteranopia
94, 8.795, 9.886

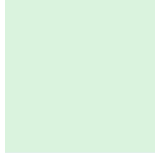


Tritanopia
94, 13.284, 226.624

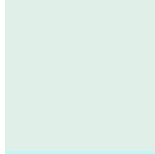
Trichromacy



Original Color
94, 31.447, 172.159



Protanomaly
94, 14.081, 148.533



Deuteranomaly
93, 7.030, 163.163

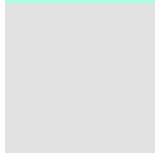


Tritanomaly
94, 17.992, 194.976

Monochromacy



Original Color
94, 31.447, 172.159



Achromatopsia
90, 0.011, 296.813



Achromatomaly
91, 11.854, 175.448

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 31.447, 172.159 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(169, 254, 228)` looks like.

```
.text, #text, p{  
    color:rgb(169, 254, 228)  
}
```

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(169, 254, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 254, 228) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 31.447, 172.159 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(169, 254, 228) }
```

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

```
.border{ border-color:rgb(169, 254, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 254, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 254, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 254, 228);  
box-shadow:4px 4px 4px 4px rgb(169, 254,  
228) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 31.447, 172.159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 254, 228) }
```

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

```
.background{ background-color: rgb(169,  
254, 228) }
```

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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