

Converting Colors

CIELCh(93, 38.069, 169.298)

Have a look what the booklet for
CIELCh(93, 38.069, 169.298)
contains.

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Color

CIElCh(93, 37.998, 169.471)

Conversions

Conversions Part 1

Format	Color
Hex	98FEDC
RGB	152, 254, 220
RGB Percent	60%, 100%, 86%
CMY	0.4027, 0.0027, 0.1361
CMYK	0.40, 0.00, 0.13, 0.00
HSL	160°, 99%, 80%
HSV	160°, 40%, 100%
XYZ	61.5027, 82.9670, 80.6893
YIQ	219.6260, -49.8780, -32.1980

Conversions

Conversions Part 2

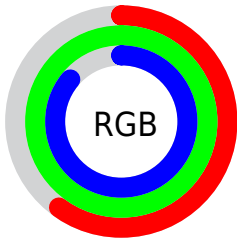
Format	Color
RYB	152, 213, 254
Decimal	10026716
CIELab	93.00, -37.36, 6.94
CIELCh	93, 37.998, 169.471
Yxy	82.9670, 0.2732, 0.3685
Android (android.graphics.Color)	4288216796 (0xFF98FEDC)
YUV	219.6260, 0.1844, -59.3080
Hunter-Lab	91.0862, -38.8751, 11.2379

Details

The CIELCh color **93, 37.998, 169.471** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **74, 42.263, 358.523**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 14.999, 198.507**, and **73, 38.111, 169.369** is the 20% darker color. If you saturate the color by 10%, you get **92, 46.278, 168.138**, and if you desaturate by 10%, it is **94, 29.077, 170.672**.

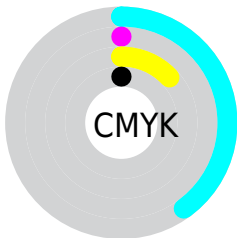
Distribution



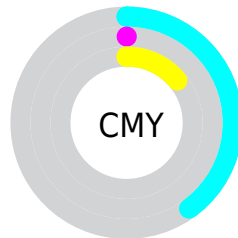
- Red (60%)
- Green (100%)
- Blue (86%)



- Red (60%)
- Yellow (84%)
- Blue (100%)



- Cyan (40%)
- Magenta (0%)
- Yellow (13%)
- Black (0%)





- Cyan (40%)
- Magenta (0%)
- Yellow (14%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 93, 37.998, 169.471 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 93, 37.998, 169.471 by changing the saturation by 10% instead.


 93, 37.998,
169.471


 93, 37.998,
169.471


 100, 37.998,
169.471


 83, 37.998,
169.471

 73, 37.998,
169.471

 63, 37.998,
169.471

 53, 37.998,
169.471

 43, 37.998,
169.471

 33, 37.998,
169.471

 23, 37.998,

169.471

■ 13, 37.998,
169.471

■ 3, 37.998, 169.471

■ 93, 37.998,
169.471

■ 93, 37.998,
169.471

■ 92, 46.278,
168.138

■ 94, 29.077,
170.672

■ 91, 53.754,
166.652

■ 96, 19.683,
171.772

■ 90, 60.296,
164.985

■ 98, 9.978, 172.801

■ 90, 65.835,
163.116

100, 0.105,
179.018

100, 0.436,

■ 89, 70.385,
161.037

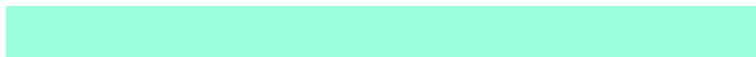
323.747

■ 89, 74.092,
158.824

Harmonies

Complementary

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



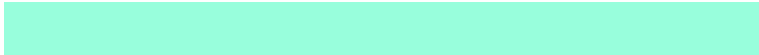
93, 37.998, 169.471



74, 42.263, 358.523

Rectangle

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



93, 37.998, 169.471



93, 37.998, 219.471



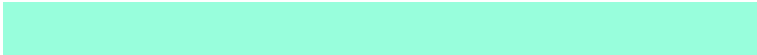
93, 37.998, 349.471



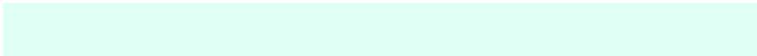
93, 37.998, 39.471

Sweetspot

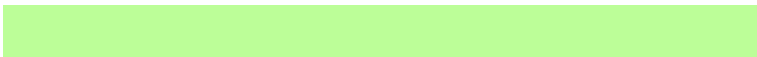
The Sweet Spot groups the original color and five complimentary colors.



93, 37.999, 169.470



98, 11.853, 172.609



93, 57.019, 132.190



52, 7.855, 172.476



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

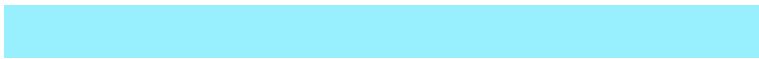
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 37.999, 169.470



92, 44.689, 168.430



90, 27.245, 214.961



52, 5.624, 172.863



69, 59.377, 159.243



23, 25.979, 162.331

Inverse Universe

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



74, 42.263, 358.523



70, 50.707, 359.948



77, 36.828, 34.932



50, 5.765, 354.532



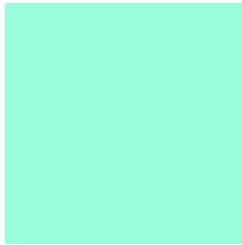
40, 69.653, 18.183



10, 31.347, 10.296

Previews

White Background



This preview shows how the CIE LCh color 93, 37.998, 169.471 looks on a white background.

Color Contrast Check

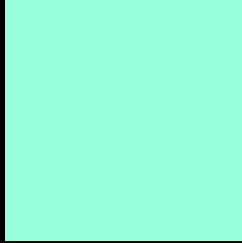
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 93, 37.998, 169.471 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

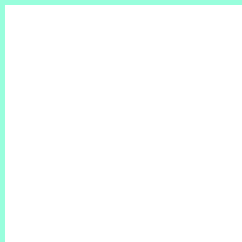
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 37.998, 169.471

Background



This preview shows how black text looks on a background with the CIELCh color 93, 37.998, 169.471.

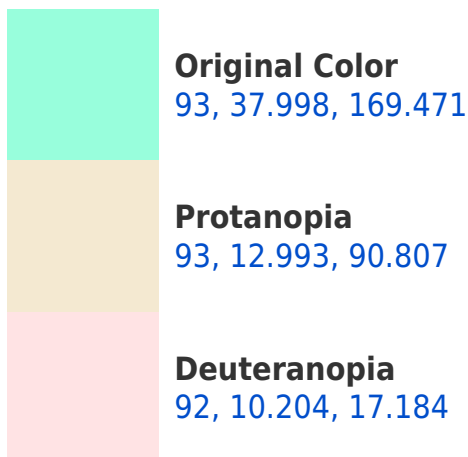


This preview shows how white text looks on a background with the CIELCh color 93, 37.998, 169.471.

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



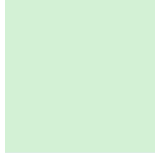


Tritanopia
93, 16.542, 222.617

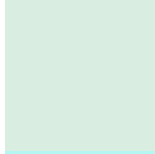
Trichromacy



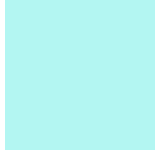
Original Color
93, 37.998, 169.471



Protanomaly
92, 18.101, 145.527



Deuteranomaly
92, 9.217, 156.638

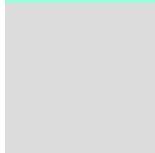


Tritanomaly
93, 22.095, 192.601

Monochromacy



Original Color
93, 37.998, 169.471



Achromatopsia
88, 0.010, 296.813



Achromatomaly
89, 14.462, 172.824

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 37.998, 169.471 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(152, 254, 220)` looks like.

```
.text, #text, p{  
    color:rgb(152, 254, 220)  
}
```

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(152, 254, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 254, 220) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 37.998, 169.471 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(152, 254, 220) }
```

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

```
.border{ border-color:rgb(152, 254, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 254, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 254, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 254, 220);  
box-shadow:4px 4px 4px 4px rgb(152, 254,  
220) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 37.998, 169.471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 254, 220) }
```

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

```
.background{ background-color: rgb(152,  
254, 220) }
```

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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