

Converting Colors

CIELCh(98, 45.903, 166.577)

Have a look what the booklet for
CIELCh(98, 45.903, 166.577)
contains.

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Color

CIElCh(93, 37.262, 174.186)

Conversions

Conversions Part 1

Format	Color
Hex	94FEE2
RGB	148, 254, 226
RGB Percent	58%, 100%, 89%
CMY	0.4181, 0.0024, 0.1122
CMYK	0.42, 0.00, 0.11, 0.00
HSL	164°, 99%, 79%
HSV	164°, 42%, 100%
XYZ	61.6256, 82.9670, 85.0023
YIQ	219.1140, -54.1880, -31.1800

Conversions

Conversions Part 2

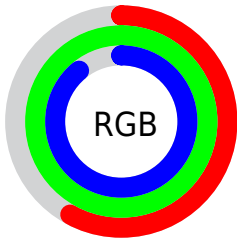
Format	Color
R_{YB}	148, 209, 254
Decimal	9764578
CIE Lab	93.00, -37.07, 3.77
CIE LCh	93, 37.262, 174.186
Yxy	82.9670, 0.2684, 0.3614
Android (android.graphics.Color)	4287954658 (0xFF94FEE2)
YUV	219.1140, 3.3948, -62.3670
Hunter-Lab	91.0862, -38.6343, 8.4305

Details

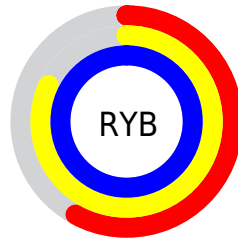
The CIELCh color **93, 37.262, 174.186** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **73, 43.073, 3.804**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 16.252, 198.426**, and **73, 37.336, 174.277** is the 20% darker color. If you saturate the color by 10%, you get **92, 44.776, 172.899**, and if you desaturate by 10%, it is **94, 29.027, 175.358**.

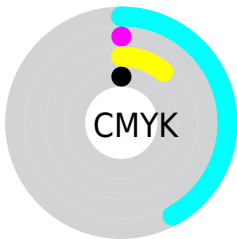
Distribution



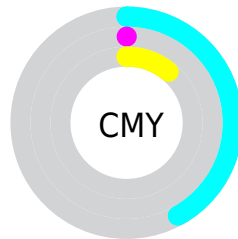
- Red (58%)
- Green (100%)
- Blue (89%)



- Red (58%)
- Yellow (82%)
- Blue (100%)



- Cyan (42%)
- Magenta (0%)
- Yellow (11%)
- Black (0%)





- Cyan (42%)
- Magenta (0%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 37.262, 174.186 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, 37.262, 174.186 by changing the saturation by 10% instead.


 93, 37.262,
174.186


 93, 37.262,
174.186


 100, 37.262,
174.186


 83, 37.262,
174.186

 73, 37.262,
174.186

 63, 37.262,
174.186

 53, 37.262,
174.186

 43, 37.262,
174.186

 33, 37.262,
174.186

 23, 37.262,

174.186

■ 13, 37.262,
174.186

■ 3, 37.262, 174.186

■ 93, 37.262,
174.186

■ 93, 37.262,
174.186

■ 92, 44.776,
172.899

■ 94, 29.027,
175.358

■ 91, 51.419,
171.476

■ 96, 20.230,
176.442

■ 90, 57.080,
169.890

■ 98, 11.034,
177.466

■ 90, 61.714,
168.118

■ 99, 1.585, 178.720

■ 100, 0.394,

■ 89, 65.358,
166.149

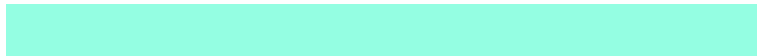
323.670

■ 89, 67.807,
164.395

Harmonies

Complementary

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



93, 37.262, 174.186



73, 43.073, 3.804

Rectangle

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



93, 37.262, 174.186



93, 37.262, 224.186



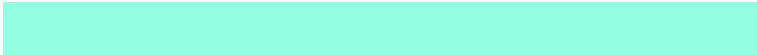
93, 37.262, 354.186



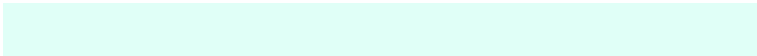
93, 37.262, 44.186

Sweetspot

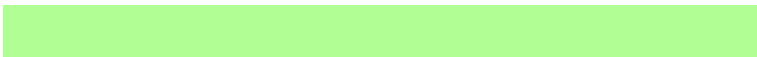
The Sweet Spot groups the original color and five complimentary colors.



93, 37.263, 174.184



98, 11.368, 177.432



93, 60.674, 134.595



52, 7.530, 177.300



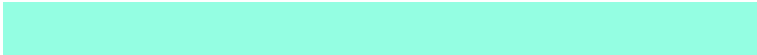
0, 0.000, 0.000



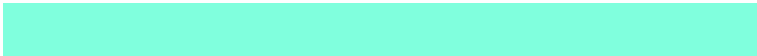
53, 0.007, 296.813

Same Dimension

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



93, 37.263, 174.184



92, 43.666, 173.121



87, 27.156, 226.733



52, 5.399, 177.685



69, 54.398, 164.788



23, 24.026, 167.650

Inverse Universe

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



73, 43.073, 3.804



69, 51.988, 5.478



78, 36.594, 42.653



50, 5.570, 359.357



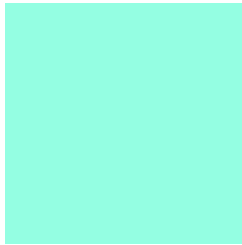
40, 72.037, 24.435



10, 31.627, 15.133

Previews

White Background



This preview shows how the CIE LCh color 93, 37.262, 174.186 looks on a white background.

Color Contrast Check

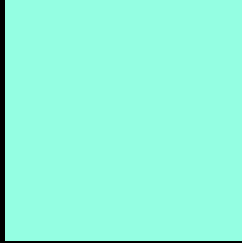
Large Text (above 18pt) WCAG AA × Fail

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 93, 37.262, 174.186 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, 37.262, 174.186

Background



This preview shows how black text looks on a background with the CIELCh color 93, 37.262, 174.186.

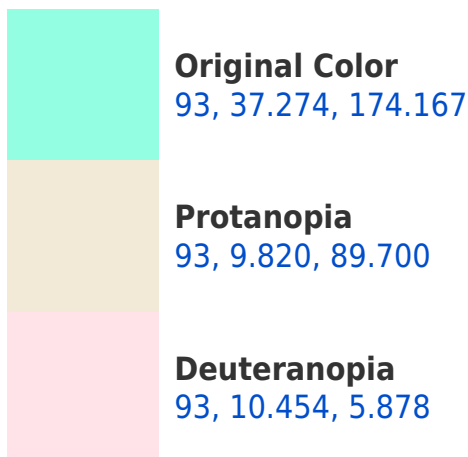


This preview shows how white text looks on a background with the CIELCh color 93, 37.262, 174.186.

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, 16.941, 220.060

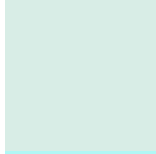
Trichromacy



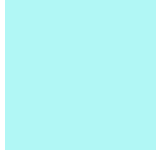
Original Color
93, 37.274, 174.167



Protanomaly
92, 16.418, 154.663

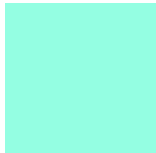


Deuteranomaly
92, 8.263, 172.939

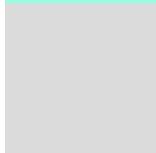


Tritanomaly
93, 22.769, 195.353

Monochromacy



Original Color
93, 37.274, 174.167



Achromatopsia
87, 0.010, 296.813



Achromatomaly
89, 14.604, 177.506

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 37.262, 174.186 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(148, 254, 226)` looks like.

```
.text, #text, p{  
    color:rgb(148, 254, 226)  
}
```

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(148, 254, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 254, 226) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 37.262, 174.186 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(148, 254, 226) }
```

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

```
.border{ border-color:rgb(148, 254, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 254, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 254, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 254, 226);  
box-shadow:4px 4px 4px 4px rgb(148, 254,  
226) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 37.262, 174.186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 254, 226) }
```

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

```
.background{ background-color: rgb(148,  
254, 226) }
```

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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