

Converting Colors

CIELCh(100, 47.725, 166.875)

Have a look what the booklet for
CIELCh(100, 47.725, 166.875)
contains.

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Color

CIELCh(93, 35.997, 177.819)

Conversions

Conversions Part 1

Format	Color
Hex	94FEE7
RGB	148, 254, 231
RGB Percent	58%, 100%, 91%
CMY	0.4195, 0.0038, 0.0939
CMYK	0.42, 0.00, 0.09, 0.00
HSL	167°, 98%, 79%
HSV	167°, 42%, 100%
XYZ	62.0965, 82.9670, 88.3758
YIQ	219.6840, -55.7930, -29.6250

Conversions

Conversions Part 2

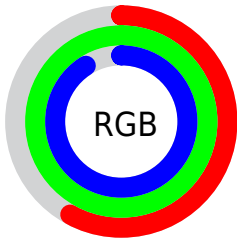
Format	Color
RYB	148, 207, 254
Decimal	9764583
CIELab	93.00, -35.97, 1.37
CIELCh	93, 35.997, 177.819
Yxy	82.9670, 0.2660, 0.3554
Android (android.graphics.Color)	4287954663 (0xFF94FEE7)
YUV	219.6840, 5.5788, -62.8669
Hunter-Lab	91.0862, -37.7115, 6.2346

Details

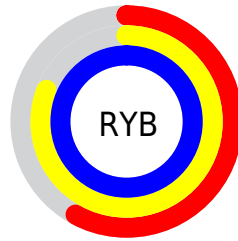
The CIELCh color **93, 35.997, 177.819** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **73, 42.719, 7.336**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 16.252, 198.426**, and **73, 35.952, 178.097** is the 20% darker color. If you saturate the color by 10%, you get **92, 43.081, 176.611**, and if you desaturate by 10%, it is **94, 28.151, 178.930**.

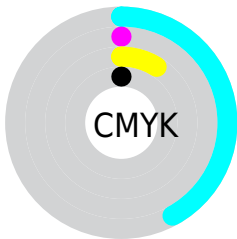
Distribution



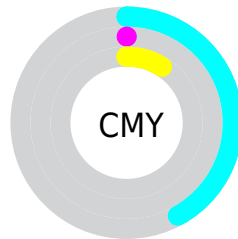
- Red (58%)
- Green (100%)
- Blue (91%)



- Red (58%)
- Yellow (81%)
- Blue (100%)



- Cyan (42%)
- Magenta (0%)
- Yellow (9%)
- Black (0%)





- Cyan (42%)
- Magenta (0%)
- Yellow (9%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 93, 35.997, 177.819 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, 35.997, 177.819 by changing the saturation by 10% instead.


 93, 35.997,
177.819


 93, 35.997,
177.819


 100, 35.997,
177.819


 83, 35.997,
177.819

 73, 35.997,
177.819

 63, 35.997,
177.819

 53, 35.997,
177.819

 43, 35.997,
177.819

 33, 35.997,
177.819

 23, 35.997,

177.819

■ 13, 35.997,
177.819

■ 3, 35.997, 177.819

■ 93, 35.997,
177.819

■ 93, 35.997,
177.819

■ 92, 43.081,
176.611

■ 94, 28.151,
178.930

■ 91, 49.259,
175.287

■ 96, 19.700,
179.969

■ 90, 54.430,
173.821

■ 97, 10.801,
180.962

■ 90, 58.556,
172.189

■ 99, 1.602, 182.200

■ 100, 0.615,

■ 90, 61.682,
170.376

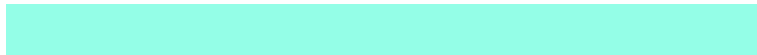
323.960

■ 89, 63.682,
168.768

Harmonies

Complementary

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



93, 35.997, 177.819



73, 42.719, 7.336

Rectangle

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



93, 35.997, 177.819



93, 35.997, 227.819



93, 35.997, 357.819



93, 35.997, 47.819

Sweetspot

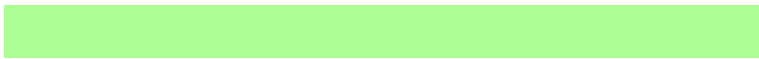
The Sweet Spot groups the original color and five complimentary colors.



93, 35.998, 177.817



98, 11.993, 180.836



93, 61.308, 135.528



52, 8.366, 180.618



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

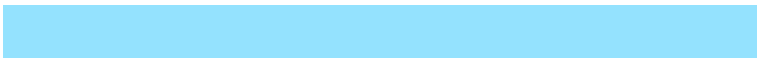
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 35.998, 177.817



92, 42.049, 176.825



86, 27.094, 231.599



52, 5.269, 181.182



69, 51.196, 169.129



23, 22.780, 171.747

Inverse Universe

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



73, 42.719, 7.336



69, 51.733, 9.050



79, 36.045, 45.919



50, 5.462, 2.821



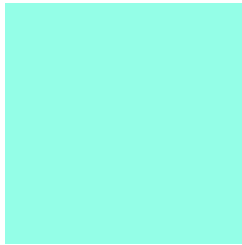
40, 74.132, 28.311



10, 31.886, 17.866

Previews

White Background



This preview shows how the CIE LCh color 93, 35.997, 177.819 looks on a white background.

Color Contrast Check

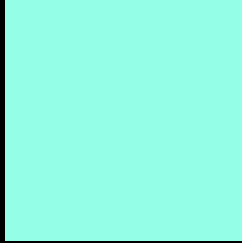
Large Text (above 18pt) WCAG AA × Fail

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, 35.997, 177.819 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

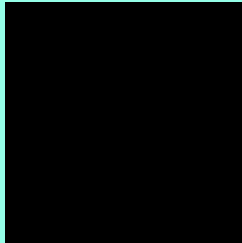
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 93, 35.997, 177.819

Background



This preview shows how black text looks on a background with the CIELCh color 93, 35.997, 177.819.

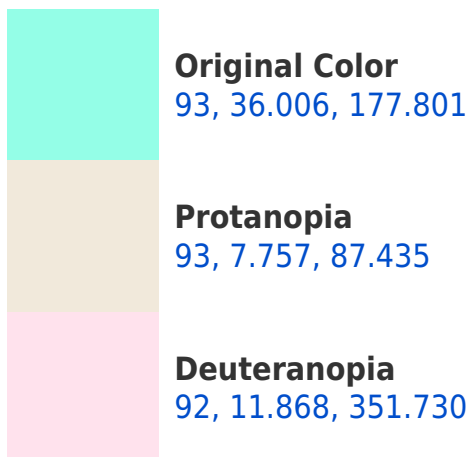


This preview shows how white text looks on a background with the CIELCh color 93, 35.997, 177.819.

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, 17.222, 219.676

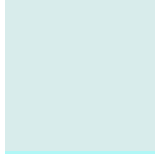
Trichromacy



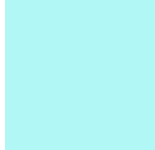
Original Color
93, 36.006, 177.801



Protanomaly
92, 15.266, 160.941



Deuteranomaly
92, 6.983, 194.768

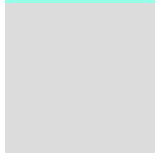


Tritanomaly
93, 22.690, 196.667

Monochromacy



Original Color
93, 36.006, 177.801



Achromatopsia
88, 0.010, 296.813



Achromatomaly
89, 13.883, 180.991

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 35.997, 177.819 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, 231)` looks like.

```
.text, #text, p{  
    color:rgb(148, 254, 231)  
}
```

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, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 254, 231) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 35.997, 177.819 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, 231) }
```

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

```
.border{ border-color:rgb(148, 254, 231) }
```

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, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 254, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 254, 231);  
box-shadow:4px 4px 4px 4px rgb(148, 254,  
231) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 35.997, 177.819 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, 231) }
```

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

```
.background{ background-color: rgb(148,  
254, 231) }
```

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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