

Converting Colors

CIELCh(100, 47.063, 166.848)

Have a look what the booklet for
CIELCh(100, 47.063, 166.848)
contains.

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Color

CIElCh(93, 35.270, 178.344)

Conversions

Conversions Part 1

Format	Color
Hex	96FEE8
RGB	150, 254, 232
RGB Percent	59%, 100%, 91%
CMY	0.4128, 0.0051, 0.0912
CMYK	0.41, 0.00, 0.09, 0.01
HSL	167°, 98%, 79%
HSV	167°, 41%, 99%
XYZ	62.4043, 82.9670, 88.8751
YIQ	220.3960, -54.9220, -28.8900

Conversions

Conversions Part 2

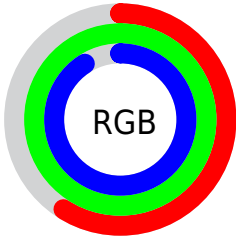
Format	Color
R_{YB}	150, 208, 254
Decimal	9895656
CIE _{Lab}	93.00, -35.26, 1.02
CIE _{LCh}	93, 35.270, 178.344
Yxy	82.9670, 0.2664, 0.3542
Android (android.graphics.Color)	4288085736 (0xFF96FEE8)
YUV	220.3960, 5.7208, -61.7373
Hunter-Lab	91.0862, -37.1084, 5.9096

Details

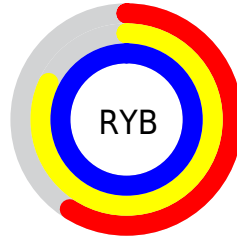
The CIELCh color **93, 35.270, 178.344** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **73, 41.849, 7.612**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 15.627, 198.466**, and **73, 35.530, 177.904** is the 20% darker color. If you saturate the color by 10%, you get **92, 42.362, 177.155**, and if you desaturate by 10%, it is **94, 27.424, 179.439**.

Distribution



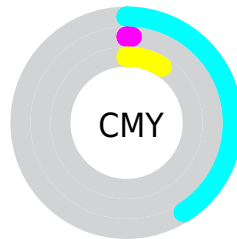
- Red (59%)
- Green (100%)
- Blue (91%)



- Red (59%)
- Yellow (82%)
- Blue (100%)



- Cyan (41%)
- Magenta (0%)
- Yellow (9%)
- Black (1%)





- Cyan (41%)
- Magenta (1%)
- Yellow (9%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 93, 35.270, 178.344 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, 35.270, 178.344 by changing the saturation by 10% instead.


 93, 35.270,
178.344


 93, 35.270,
178.344


 100, 35.270,
178.344


 83, 35.270,
178.344

 73, 35.270,
178.344

 63, 35.270,
178.344

 53, 35.270,
178.344

 43, 35.270,
178.344

 33, 35.270,
178.344

 23, 35.270,

178.344

■ 13, 35.270,
178.344

■ 3, 35.270, 178.344

■ 93, 35.270,
178.344

■ 93, 35.270,
178.344

■ 92, 42.362,
177.155

■ 94, 27.424,
179.439

■ 91, 48.554,
175.855

■ 96, 18.978,
180.468

■ 90, 53.743,
174.417

■ 97, 10.093,
181.454

■ 90, 57.886,
172.818

■ 99, 0.911, 182.970

■ 100, 0.809,

■ 90, 61.021,
171.041

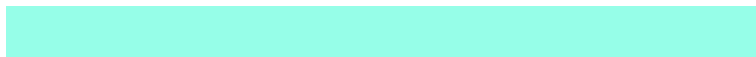
324.088

■ 89, 63.165,
169.313

Harmonies

Complementary

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



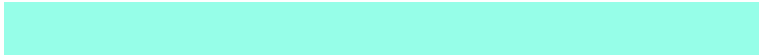
93, 35.270, 178.344



73, 41.849, 7.612

Rectangle

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



93, 35.270, 178.344



93, 35.270, 228.344



93, 35.270, 358.344



93, 35.270, 48.344

Sweetspot

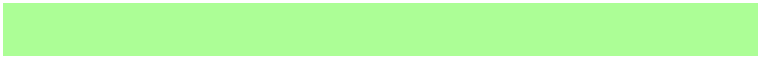
The Sweet Spot groups the original color and five complimentary colors.



93, 35.271, 178.342



98, 11.055, 181.354



92, 60.508, 136.032



52, 7.320, 181.226



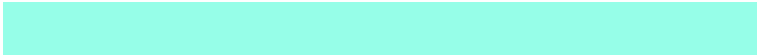
0, 0.000, 0.000



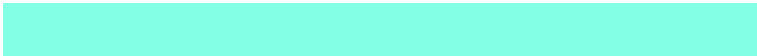
53, 0.007, 296.813

Same Dimension

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



93, 35.271, 178.342



93, 41.188, 177.397



86, 26.702, 233.910



52, 5.255, 181.601



69, 50.835, 169.668



23, 22.641, 172.252

Inverse Universe

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



73, 41.849, 7.612



69, 50.652, 9.244



79, 35.034, 47.607



50, 5.451, 3.233



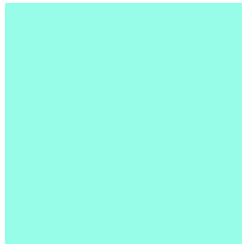
40, 74.396, 28.739



10, 31.918, 18.157

Previews

White Background



This preview shows how the CIE LCh color 93, 35.270, 178.344 looks on a white background.

Color Contrast Check

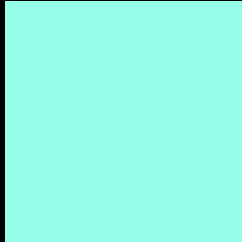
Large Text (above 18pt) WCAG AA × Fail

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, 35.270, 178.344 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

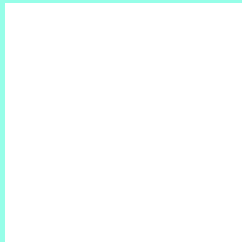
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 35.270, 178.344

Background



This preview shows how black text looks on a background with the CIELCh color 93, 35.270, 178.344.

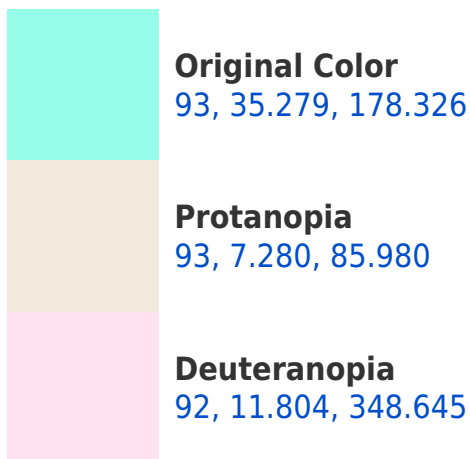


This preview shows how white text looks on a background with the CIELCh color 93, 35.270, 178.344.

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

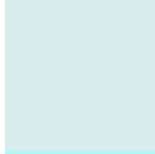
Trichromacy



Original Color
93, 35.279, 178.326



Protanomaly
92, 14.661, 161.711



Deuteranomaly
92, 6.942, 199.030

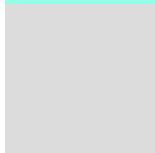


Tritanomaly
93, 22.334, 198.007

Monochromacy



Original Color
93, 35.279, 178.326



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, 35.270, 178.344 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(150, 254, 232)` looks like.

```
.text, #text, p{  
    color:rgb(150, 254, 232)  
}
```

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(150, 254, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 254, 232) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 35.270, 178.344 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(150, 254, 232) }
```

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

```
.border{ border-color:rgb(150, 254, 232) }
```

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

Here you see how a box with a 4 pixel rgb(150, 254, 232) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 254, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 254, 232);  
box-shadow:4px 4px 4px 4px rgb(150, 254,  
232) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 35.270, 178.344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 254, 232) }
```

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

```
.background{ background-color: rgb(150,  
254, 232) }
```

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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