

Converting Colors

CIELCh(93, 38.368, 177.468)

Have a look what the booklet for
CIELCh(93, 38.368, 177.468)
contains.

CIELCh(93, 38.385, 177.267)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIElCh(93, 38.385, 177.267)

Conversions

Conversions Part 1

Format	Color
Hex	8DFFE6
RGB	141, 255, 230
RGB Percent	55%, 100%, 90%
CMY	0.4467, 0.0000, 0.0977
CMYK	0.45, 0.00, 0.10, 0.00
HSL	167°, 100%, 78%
HSV	167°, 45%, 100%
XYZ	61.0843, 82.9670, 87.7232
YIQ	218.0640, -59.9190, -31.9430

Conversions

Conversions Part 2

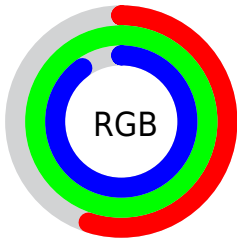
Format	Color
RYB	141, 205, 255
Decimal	9306086
CIELab	93.00, -38.34, 1.83
CIElCh	93, 38.385, 177.267
Yxy	82.9670, 0.2636, 0.3580
Android (android.graphics.Color)	4287496166 (0xFF8DFFE6)
YUV	218.0640, 5.8844, -67.5851
Hunter-Lab	91.0862, -39.6952, 6.6594

Details

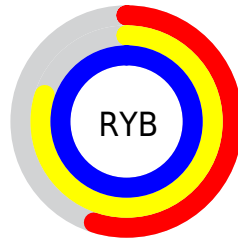
The CIELCh color **93, 38.385, 177.267** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **72, 46.038, 7.768**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 18.101, 198.308**, and **73, 38.478, 177.475** is the 20% darker color. If you saturate the color by 10%, you get **92, 45.207, 176.078**, and if you desaturate by 10%, it is **94, 30.665, 178.462**.

Distribution



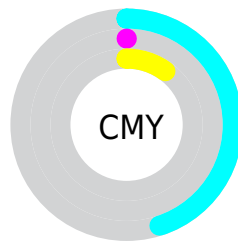
- Red (55%)
- Green (100%)
- Blue (90%)



- Red (55%)
- Yellow (80%)
- Blue (100%)



- Cyan (45%)
- Magenta (0%)
- Yellow (10%)
- Black (0%)





- Cyan (45%)
- Magenta (0%)
- Yellow (10%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 93, 38.385, 177.267 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, 38.385, 177.267 by changing the saturation by 10% instead.


 93, 38.385,
177.267

 93, 38.385,
177.267

 100, 38.385,
177.267


 83, 38.385,
177.267

 73, 38.385,
177.267

 63, 38.385,
177.267

 53, 38.385,
177.267

 43, 38.385,
177.267

 33, 38.385,
177.267

 23, 38.385,

177.267

■ 13, 38.385,
177.267

■ 3, 38.385, 177.267

■ 93, 38.385,
177.267

■ 93, 38.385,
177.267

■ 92, 45.207,
176.078

■ 94, 30.665,
178.462

■ 91, 51.132,
174.709

■ 96, 22.336,
179.523

■ 91, 56.029,
173.190

■ 97, 13.515,
180.528

■ 90, 59.881,
171.498

■ 99, 4.352, 181.555

100, 0.012,

■ 90, 62.765,
169.624

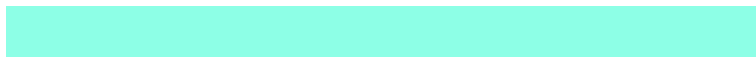
296.813

■ 90, 64.028,
168.579

Harmonies

Complementary

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



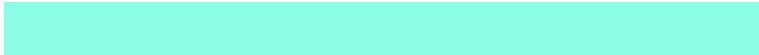
93, 38.385, 177.267



72, 46.038, 7.768

Rectangle

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



93, 38.385, 177.267



93, 38.385, 227.267



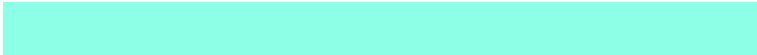
93, 38.385, 357.267



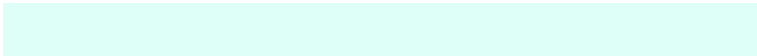
93, 38.385, 47.267

Sweetspot

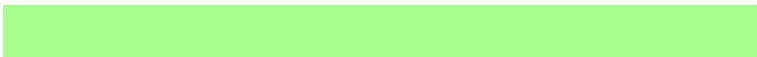
The Sweet Spot groups the original color and five complimentary colors.



93, 38.340, 177.320



98, 12.005, 180.693



92, 65.658, 135.338



52, 8.374, 180.475



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

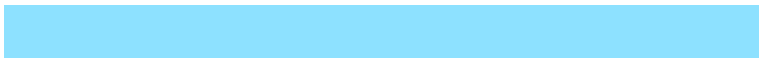
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 38.340, 177.320



92, 44.776, 176.164



85, 28.743, 232.096



52, 5.274, 181.039



69, 51.320, 168.945



23, 22.829, 171.575

Inverse Universe

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



72, 46.038, 7.768



67, 55.946, 9.858



78, 39.174, 45.892



50, 5.466, 2.680



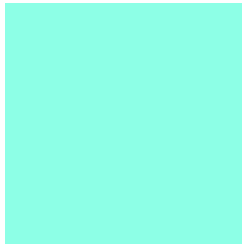
40, 74.043, 28.164



10, 31.875, 17.765

Previews

White Background



This preview shows how the CIE LCh color 93, 38.385, 177.267 looks on a white background.

Color Contrast Check

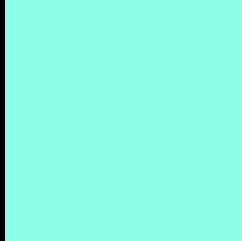
Large Text (above 18pt) WCAG AA × Fail

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, 38.385, 177.267 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

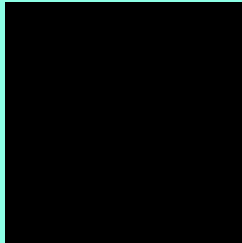
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 93, 38.385, 177.267

Background



This preview shows how black text looks on a background with the CIELCh color 93, 38.385, 177.267.

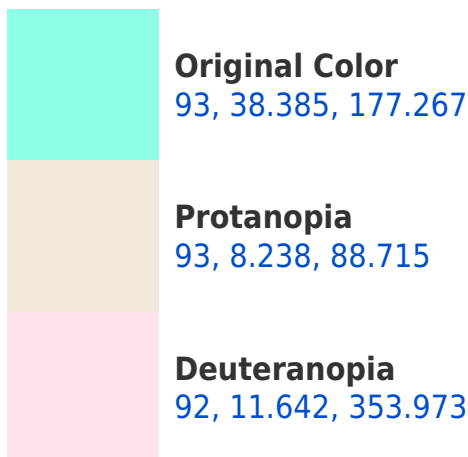


This preview shows how white text looks on a background with the CIELCh color 93, 38.385, 177.267.

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, 17.503, 219.305

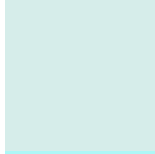
Trichromacy



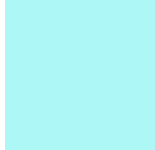
Original Color
93, 38.385, 177.267



Protanomaly
92, 16.144, 160.946



Deuteranomaly
92, 8.174, 187.969

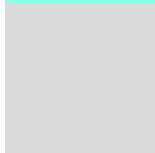


Tritanomaly
93, 23.835, 196.656

Monochromacy



Original Color
93, 38.385, 177.267



Achromatopsia
87, 0.010, 296.813



Achromatomaly
89, 15.030, 180.169

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 38.385, 177.267 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(141, 255, 230)` looks like.

```
.text, #text, p{  
    color:rgb(141, 255, 230)  
}
```

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(141, 255, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 255, 230) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 38.385, 177.267 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(141, 255, 230) }
```

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

```
.border{ border-color:rgb(141, 255, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 255, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 255, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 255, 230);  
box-shadow:4px 4px 4px 4px rgb(141, 255,  
230) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 38.385, 177.267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 255, 230) }
```

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

```
.background{ background-color: rgb(141,  
255, 230) }
```

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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