

Converting Colors

CIELCh(93, 40.884, 175.802)

Have a look what the booklet for
CIELCh(93, 40.884, 175.802)
contains.

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Color

CIELCh(93, 40.252, 176.527)

Conversions

Conversions Part 1

Format	Color
Hex	88FFE5
RGB	136, 255, 229
RGB Percent	53%, 100%, 90%
CMY	0.4670, 0.0000, 0.1025
CMYK	0.47, 0.00, 0.10, 0.00
HSL	167°, 100%, 77%
HSV	167°, 47%, 100%
XYZ	60.3075, 82.9670, 86.8661
YIQ	216.4550, -62.5780, -33.3140

Conversions

Conversions Part 2

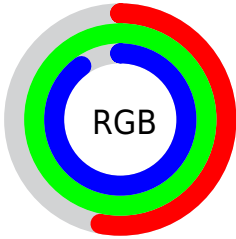
Format	Color
R_{YB}	136, 203, 255
Decimal	8978405
CIE _{Lab}	93.00, -40.18, 2.44
CIE _{LCh}	93, 40.252, 176.527
Yxy	82.9670, 0.2620, 0.3605
Android (android.graphics.Color)	4287168485 (0xFF88FFE5)
YUV	216.4550, 6.1847, -70.5590
Hunter-Lab	91.0862, -41.2174, 7.2174

Details

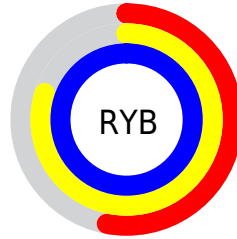
The CIELCh color **93, 40.252, 176.527** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **70, 48.225, 8.129**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 19.614, 198.212**, and **73, 39.839, 177.212** is the 20% darker color. If you saturate the color by 10%, you get **92, 46.521, 175.748**, and if you desaturate by 10%, it is **94, 32.300, 178.178**.

Distribution



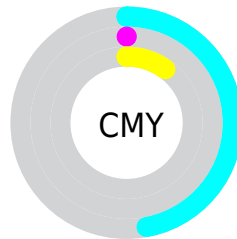
- Red (53%)
- Green (100%)
- Blue (90%)



- Red (53%)
- Yellow (80%)
- Blue (100%)



- Cyan (47%)
- Magenta (0%)
- Yellow (10%)
- Black (0%)





- Cyan (47%)
- Magenta (0%)
- Yellow (10%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 93, 40.252, 176.527 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, 40.252, 176.527 by changing the saturation by 10% instead.


 93, 40.252,
176.527


 93, 40.252,
176.527


 100, 40.252,
176.527


 83, 40.252,
176.527

 73, 40.252,
176.527

 63, 40.252,
176.527

 53, 40.252,
176.527

 43, 40.252,
176.527

 33, 40.252,
176.527

 23, 40.252,

176.527

■ 13, 40.252,
176.527

■ 3, 40.252, 176.527

■ 93, 40.252,
176.527

■ 93, 40.252,
176.527

■ 92, 46.521,
175.748

■ 94, 32.300,
178.178

■ 91, 52.249,
174.349

■ 95, 24.085,
179.255

■ 90, 56.940,
172.794

■ 97, 15.347,
180.269

■ 90, 60.594,
171.062

■ 99, 6.238, 181.270

100, 0.012,

■ 90, 63.310,
169.150

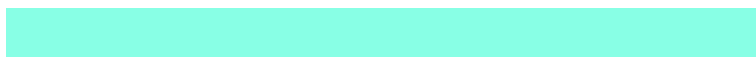
296.813

■ 90, 64.092,
168.505

Harmonies

Complementary

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



93, 40.252, 176.527



70, 48.225, 8.129

Rectangle

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



93, 40.252, 176.527



93, 40.252, 226.527



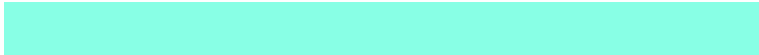
93, 40.252, 356.527



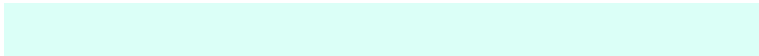
93, 40.252, 46.527

Sweetspot

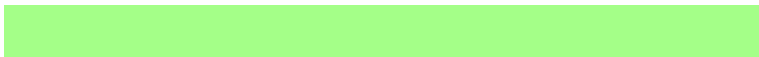
The Sweet Spot groups the original color and five complimentary colors.



93, 39.829, 177.016



97, 12.915, 180.537



92, 68.492, 135.207



52, 8.888, 180.323



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

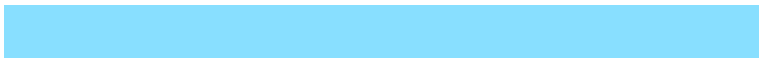
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 39.829, 177.016



92, 46.081, 175.841



85, 29.789, 232.460



52, 5.275, 180.982



69, 51.370, 168.872



23, 22.848, 171.507

Inverse Universe

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



70, 48.225, 8.129



66, 58.017, 10.310



77, 41.292, 45.882



50, 5.468, 2.624



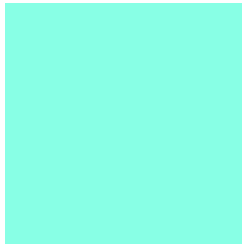
40, 74.007, 28.105



10, 31.871, 17.725

Previews

White Background



This preview shows how the CIE LCh color 93, 40.252, 176.527 looks on a white background.

Color Contrast Check

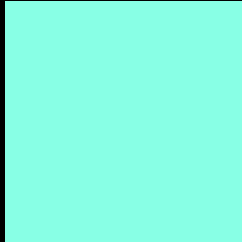
Large Text (above 18pt) WCAG AA × Fail

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, 40.252, 176.527 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

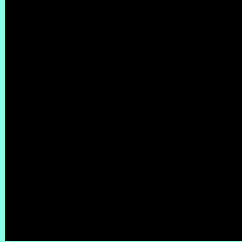
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 93, 40.252, 176.527

Background



This preview shows how black text looks on a background with the CIELCh color 93, 40.252, 176.527.

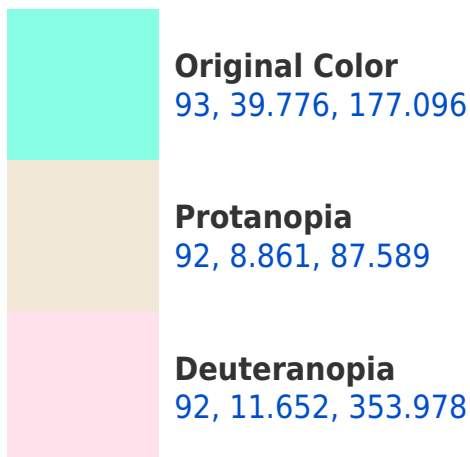


This preview shows how white text looks on a background with the CIELCh color 93, 40.252, 176.527.

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



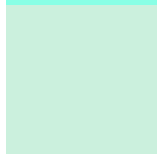


Tritanopia
93, 18.623, 217.938

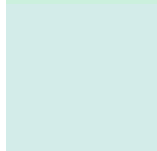
Trichromacy



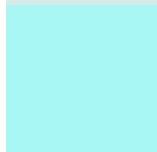
Original Color
93, 39.776, 177.096



Protanomaly
92, 16.429, 161.634



Deuteranomaly
92, 8.847, 188.743



Tritanomaly
92, 25.043, 195.443

Monochromacy



Original Color
93, 39.776, 177.096



Achromatopsia
86, 0.010, 296.813



Achromatomaly
88, 15.665, 180.859

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 40.252, 176.527 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(136, 255, 229)` looks like.

```
.text, #text, p{  
    color:rgb(136, 255, 229)  
}
```

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(136, 255, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 255, 229) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 40.252, 176.527 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(136, 255, 229) }
```

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

```
.border{ border-color:rgb(136, 255, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 255, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 255, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 255, 229);  
box-shadow:4px 4px 4px 4px rgb(136, 255,  
229) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 40.252, 176.527 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 255, 229) }
```

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

```
.background{ background-color: rgb(136,  
255, 229) }
```

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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