

Converting Colors

CIELCh(93, 39.818, 170.417)

Have a look what the booklet for
CIELCh(93, 39.818, 170.417)
contains.

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Color

CIELCh(93, 39.644, 170.601)

Conversions

Conversions Part 1

Format	Color
Hex	92FFDD
RGB	146, 255, 221
RGB Percent	57%, 100%, 87%
CMY	0.4269, 0.0000, 0.1328
CMYK	0.43, 0.00, 0.13, 0.00
HSL	161°, 100%, 79%
HSV	161°, 43%, 100%
XYZ	60.7576, 82.9670, 81.3186
YIQ	218.5330, -54.0500, -33.6820

Conversions

Conversions Part 2

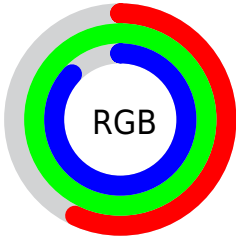
Format	Color
RYB	146, 211, 255
Decimal	9633757
CIELab	93.00, -39.11, 6.47
CIELCh	93, 39.644, 170.601
Yxy	82.9670, 0.2700, 0.3687
Android (android.graphics.Color)	4287823837 (0xFF92FFDD)
YUV	218.5330, 1.2162, -63.6114
Hunter-Lab	91.0862, -40.3353, 10.8283

Details

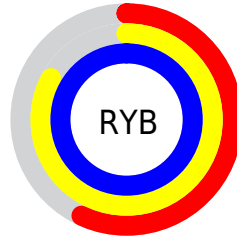
The CIELCh color **93, 39.644, 170.601** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **73, 44.790, 0.564**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 16.872, 198.386**, and **73, 39.767, 170.469** is the 20% darker color. If you saturate the color by 10%, you get **92, 47.454, 169.319**, and if you desaturate by 10%, it is **94, 30.976, 171.894**.

Distribution



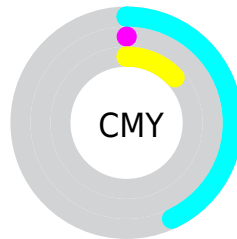
- Red (57%)
- Green (100%)
- Blue (87%)



- Red (57%)
- Yellow (83%)
- Blue (100%)



- Cyan (43%)
- Magenta (0%)
- Yellow (13%)
- Black (0%)





- Cyan (43%)
- Magenta (0%)
- Yellow (13%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 93, 39.644, 170.601 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, 39.644, 170.601 by changing the saturation by 10% instead.


 93, 39.644,
170.601


 93, 39.644,
170.601


 100, 39.644,
170.601


 83, 39.644,
170.601

 73, 39.644,
170.601

 63, 39.644,
170.601

 53, 39.644,
170.601

 43, 39.644,
170.601

 33, 39.644,
170.601

 23, 39.644,

170.601

■ 13, 39.644,
170.601

■ 3, 39.644, 170.601

■ 93, 39.644,
170.601

■ 93, 39.644,
170.601

■ 92, 47.454,
169.319

■ 94, 30.976,
171.894

■ 91, 54.485,
167.812

■ 96, 21.849,
173.012

■ 90, 60.548,
166.123

■ 98, 12.350,
174.053

■ 90, 65.593,
164.234

■ 99, 2.627, 175.171

100, 0.012,

■ 89, 69.666,
162.138

296.813

■ 89, 72.176,
160.518

Harmonies

Complementary

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



93, 39.644, 170.601



73, 44.790, 0.564

Rectangle

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



93, 39.644, 170.601



93, 39.644, 220.601



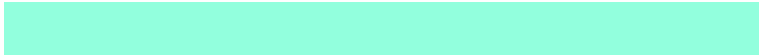
93, 39.644, 350.601



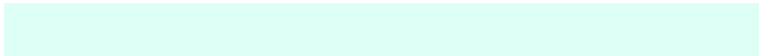
93, 39.644, 40.601

Sweetspot

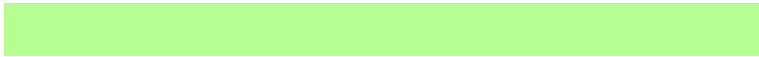
The Sweet Spot groups the original color and five complimentary colors.



93, 39.567, 170.671



97, 12.652, 174.021



93, 61.293, 133.072



52, 8.836, 173.795



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

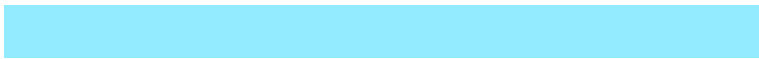
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 39.567, 170.671



92, 46.180, 169.557



88, 28.184, 219.714



52, 5.548, 174.377



69, 57.742, 160.934



23, 25.335, 163.963

Inverse Universe

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



73, 44.790, 0.564



68, 53.494, 2.196



76, 38.824, 38.033



50, 5.697, 356.053



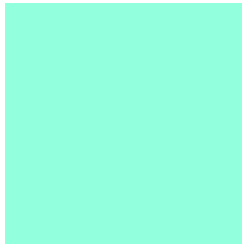
40, 70.319, 20.260



10, 31.418, 11.967

Previews

White Background



This preview shows how the CIE LCh color 93, 39.644, 170.601 looks on a white background.

Color Contrast Check

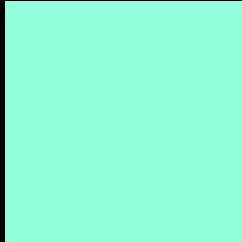
Large Text (above 18pt) WCAG AA × Fail

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, 39.644, 170.601 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

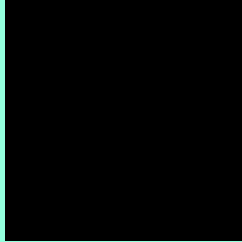
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

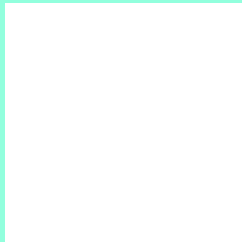
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 39.644, 170.601

Background



This preview shows how black text looks on a background with the CIELCh color 93, 39.644, 170.601.

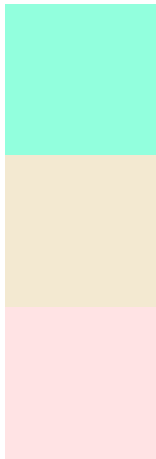


This preview shows how white text looks on a background with the CIELCh color 93, 39.644, 170.601.

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



Original Color
93, 39.644, 170.601

Protanopia
93, 12.881, 92.391

Deuteranopia
92, 10.204, 17.184

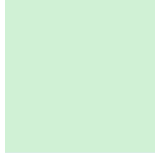


Tritanopia
93, 17.097, 221.760

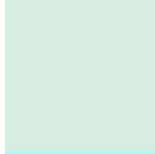
Trichromacy



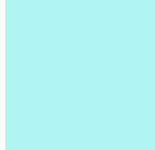
Original Color
93, 39.644, 170.601



Protanomaly
92, 18.765, 148.011



Deuteranomaly
92, 9.695, 162.918

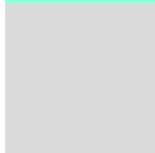


Tritanomaly
93, 23.250, 192.800

Monochromacy



Original Color
93, 39.644, 170.601



Achromatopsia
87, 0.010, 296.813



Achromatomaly
89, 15.069, 173.868

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 39.644, 170.601 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(146, 255, 221)` looks like.

```
.text, #text, p{  
    color:rgb(146, 255, 221)  
}
```

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(146, 255, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 255, 221) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 39.644, 170.601 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(146, 255, 221) }
```

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

```
.border{ border-color:rgb(146, 255, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 255, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(146, 255, 221); -webkit-box-shadow:4px 4px 4px 4px rgb(146, 255, 221); box-shadow:4px 4px 4px 4px rgb(146, 255, 221) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 39.644, 170.601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 255, 221) }
```

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

```
.background{ background-color: rgb(146,  
255, 221) }
```

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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