

Converting Colors

CIELCh(100, 50.565, 175.741)

Have a look what the booklet for
CIELCh(100, 50.565, 175.741)
contains.

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Color

CIElCh(93, 39.683, 190.164)

Conversions

Conversions Part 1

Format	Color
Hex	79FFF7
RGB	121, 255, 247
RGB Percent	47%, 100%, 97%
CMY	0.5251, 0.0000, 0.0313
CMYK	0.53, 0.00, 0.03, 0.00
HSL	176°, 100%, 74%
HSV	176°, 53%, 100%
XYZ	60.7794, 82.9670, 100.8164
YIQ	214.0220, -77.2960, -30.8960

Conversions

Conversions Part 2

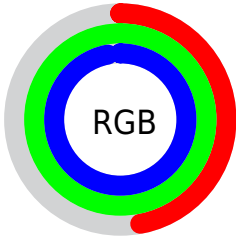
Format	Color
RYB	121, 190, 255
Decimal	7995383
CIELab	93.00, -39.06, -7.00
CIELCh	93, 39.683, 190.164
Yxy	82.9670, 0.2485, 0.3392
Android (android.graphics.Color)	4286185463 (0xFF79FFF7)
YUV	214.0220, 16.2582, -81.5803
Hunter-Lab	91.0862, -40.2926, -1.8632

Details

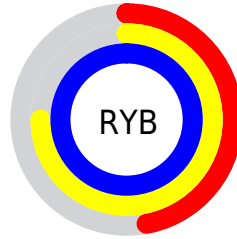
The CIELCh color **93, 39.683, 190.164** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **67, 55.471, 21.514**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 23.419, 197.974**, and **73, 39.411, 190.890** is the 20% darker color. If you saturate the color by 10%, you get **92, 44.141, 190.229**, and if you desaturate by 10%, it is **94, 33.429, 191.567**.

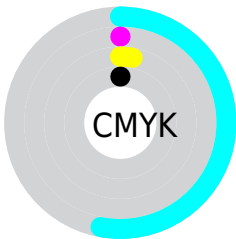
Distribution



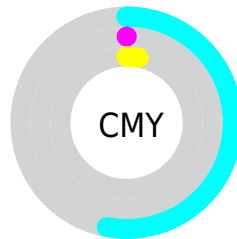
- Red (47%)
- Green (100%)
- Blue (97%)



- Red (47%)
- Yellow (75%)
- Blue (100%)



- Cyan (53%)
- Magenta (0%)
- Yellow (3%)
- Black (0%)





- Cyan (53%)
- Magenta (0%)
- Yellow (3%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 93, 39.683, 190.164 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, 39.683, 190.164 by changing the saturation by 10% instead.


 93, 39.683,
190.164


 93, 39.683,
190.164


 100, 39.683,
190.164


 83, 39.683,
190.164

 73, 39.683,
190.164

 63, 39.683,
190.164

 53, 39.683,
190.164

 43, 39.683,
190.164

 33, 39.683,
190.164

 23, 39.683,

190.164

■ 13, 39.683,
190.164

■ 3, 39.683, 190.164

■ 93, 39.683,
190.164

■ 93, 39.683,
190.164

■ 92, 44.141,
190.229

■ 94, 33.429,
191.567

■ 91, 47.882,
189.545

■ 95, 26.642,
192.242

■ 91, 50.516,
188.835

■ 96, 19.079,
192.929

■ 91, 52.118,
188.082

■ 98, 10.892,
193.642

■ 91, 52.802,
187.490

■ 100, 2.227,
194.571

100, 0.012,
296.813

Harmonies

Complementary

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



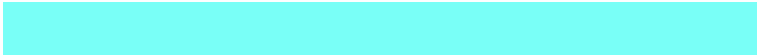
93, 39.683, 190.164



67, 55.471, 21.514

Rectangle

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



93, 39.683, 190.164



93, 39.683, 240.164



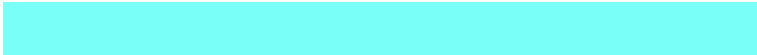
93, 39.683, 10.164



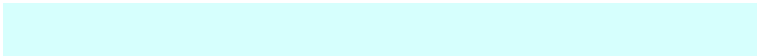
93, 39.683, 60.164

Sweetspot

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



93, 39.301, 190.899



97, 13.814, 193.389



91, 80.140, 138.711



52, 9.275, 193.242



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, 39.301, 190.899



92, 44.353, 190.195



77, 36.550, 257.791



52, 4.986, 193.869



70, 42.485, 187.634



24, 19.409, 188.639

Inverse Universe

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



67, 55.471, 21.514



62, 67.643, 24.384



79, 45.803, 62.118



50, 5.262, 15.120



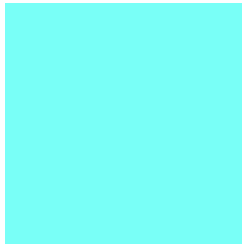
40, 81.751, 37.751



10, 32.891, 24.777

Previews

White Background



This preview shows how the CIE LCh color 93, 39.683, 190.164 looks on a white background.

Color Contrast Check

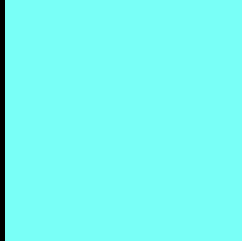
Large Text (above 18pt) WCAG AA × Fail

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, 39.683, 190.164 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, 39.683, 190.164

Background



This preview shows how black text looks on a background with the CIELCh color 93, 39.683, 190.164.

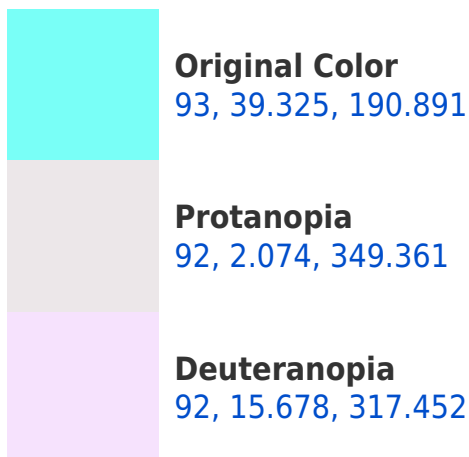


This preview shows how white text looks on a background with the CIELCh color 93, 39.683, 190.164.

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](#).

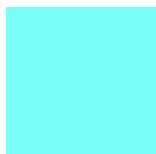
Dichromacy



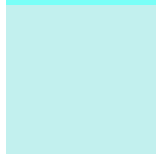


Tritanopia
92, 19.734, 216.735

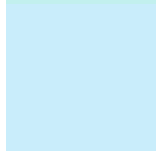
Trichromacy



Original Color
93, 39.325, 190.891



Protanomaly
92, 15.561, 194.582

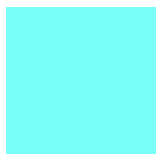


Deuteranomaly
92, 13.770, 230.674

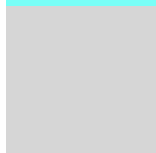


Tritanomaly
92, 26.813, 203.339

Monochromacy



Original Color
93, 39.325, 190.891



Achromatopsia
86, 0.010, 296.813



Achromatomaly
88, 16.693, 192.877

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 39.683, 190.164 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(121, 255, 247)` looks like.

```
.text, #text, p{  
    color:rgb(121, 255, 247)  
}
```

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(121, 255, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 255, 247) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 39.683, 190.164 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(121, 255, 247) }
```

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

```
.border{ border-color:rgb(121, 255, 247) }
```

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

Here you see how a box with a 4 pixel rgb(121, 255, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 255, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 255, 247);  
box-shadow:4px 4px 4px 4px rgb(121, 255,  
247) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 39.683, 190.164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 255, 247) }
```

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

```
.background{ background-color: rgb(121,  
255, 247) }
```

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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