

Converting Colors

CIELCh(93, 37.297, 192.069)

Have a look what the booklet for
CIELCh(93, 37.297, 192.069)
contains.

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Color

CIElCh(93, 37.372, 192.304)

Conversions

Conversions Part 1

Format	Color
Hex	81FFF9
RGB	129, 255, 249
RGB Percent	51%, 100%, 98%
CMY	0.4944, 0.0003, 0.0238
CMYK	0.49, 0.00, 0.02, 0.00
HSL	177°, 100%, 75%
HSV	177°, 49%, 100%
XYZ	61.8638, 82.9670, 102.3151
YIQ	216.6420, -73.1700, -28.5780

Conversions

Conversions Part 2

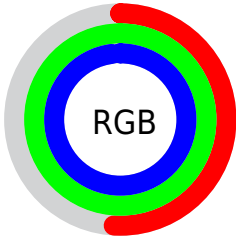
Format	Color
RYB	129, 194, 255
Decimal	8519673
CIELab	93.00, -36.51, -7.96
CIELCh	93, 37.372, 192.304
Yxy	82.9670, 0.2503, 0.3357
Android (android.graphics.Color)	4286709753 (0xFF81FFF9)
YUV	216.6420, 15.9525, -76.8620
Hunter-Lab	91.0862, -38.1676, -2.8388

Details

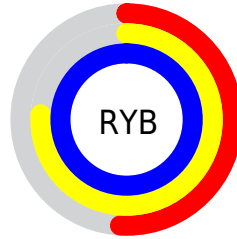
The CIELCh color **93, 37.372, 192.304** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **69, 52.029, 21.688**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 21.394, 198.100**, and **73, 37.364, 192.429** is the 20% darker color. If you saturate the color by 10%, you get **92, 42.464, 191.704**, and if you desaturate by 10%, it is **94, 31.273, 192.913**.

Distribution



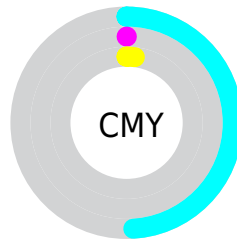
- Red (51%)
- Green (100%)
- Blue (98%)



- Red (51%)
- Yellow (76%)
- Blue (100%)



- Cyan (49%)
- Magenta (0%)
- Yellow (2%)
- Black (0%)





- Cyan (49%)
- Magenta (0%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 93, 37.372, 192.304 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, 37.372, 192.304 by changing the saturation by 10% instead.


 93, 37.372,
192.304


 93, 37.372,
192.304


 100, 37.372,
192.304


 83, 37.372,
192.304

 73, 37.372,
192.304

 63, 37.372,
192.304

 53, 37.372,
192.304

 43, 37.372,
192.304

 33, 37.372,
192.304

 23, 37.372,

192.304

■ 13, 37.372,
192.304

■ 3, 37.372, 192.304

■ 93, 37.372,
192.304

■ 93, 37.372,
192.304

■ 92, 42.464,
191.704

■ 94, 31.273,
192.913

■ 92, 46.467,
191.111

■ 95, 24.288,
193.543

■ 91, 49.355,
190.512

■ 97, 16.564,
194.196

■ 91, 51.178,
189.893

■ 98, 8.248, 194.894

100, 0.054,

■ 91, 52.123,
189.246

319.454

100, 0.055,

■ 91, 52.167,
189.209

318.821

Harmonies

Complementary

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



93, 37.372, 192.304



69, 52.029, 21.688

Rectangle

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



93, 37.372, 192.304



93, 37.372, 242.304



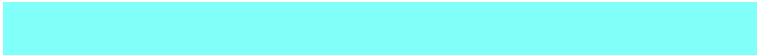
93, 37.372, 12.304



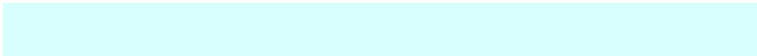
93, 37.372, 62.304

Sweetspot

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



93, 37.372, 192.302



97, 12.949, 194.497



91, 76.209, 139.356



52, 8.785, 194.353



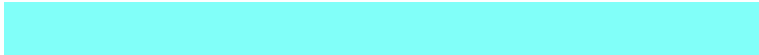
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



93, 37.372, 192.302



92, 42.278, 191.729



78, 35.235, 259.006



52, 4.975, 194.888



70, 41.993, 189.326



24, 19.216, 190.146

Inverse Universe

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



69, 52.029, 21.688



64, 63.305, 24.069



81, 42.799, 64.135



49, 5.257, 16.091



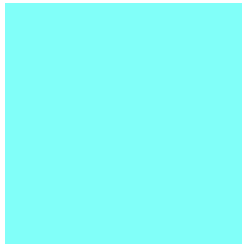
40, 82.211, 38.190



10, 32.982, 25.266

Previews

White Background



This preview shows how the CIE LCh color 93, 37.372, 192.304 looks on a white background.

Color Contrast Check

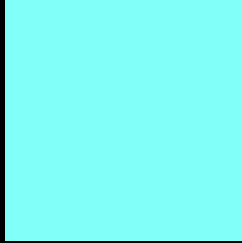
Large Text (above 18pt) WCAG AA × Fail

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, 37.372, 192.304 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

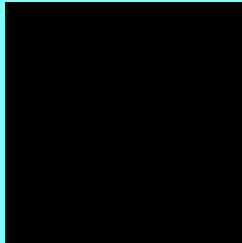
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 93, 37.372, 192.304

Background



This preview shows how black text looks on a background with the CIELCh color 93, 37.372, 192.304.

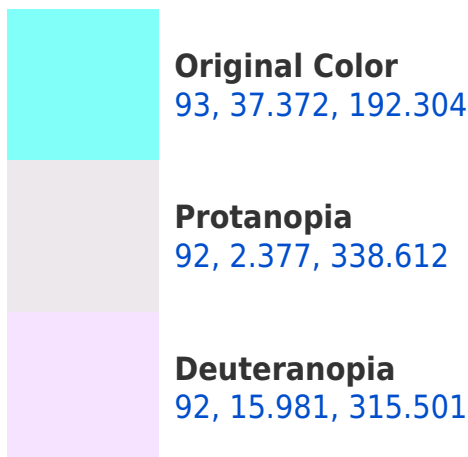



This preview shows how white text looks on a background with the CIELCh color 93, 37.372, 192.304.

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



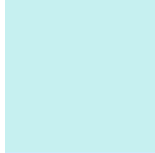


Tritanopia
93, 18.344, 218.263

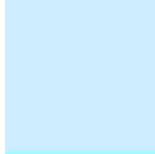
Trichromacy



Original Color
93, 37.372, 192.304



Protanomaly
92, 14.170, 198.517



Deuteranomaly
92, 13.766, 235.977

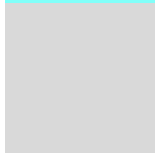


Tritanomaly
92, 25.203, 204.993

Monochromacy



Original Color
93, 37.372, 192.304



Achromatopsia
87, 0.010, 296.813



Achromatomaly
89, 15.641, 194.536

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 37.372, 192.304 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(129, 255, 249)` looks like.

```
.text, #text, p{  
    color:rgb(129, 255, 249)  
}
```

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(129, 255, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 255, 249) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 37.372, 192.304 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(129, 255, 249) }
```

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

```
.border{ border-color:rgb(129, 255, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 255, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 255, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 255, 249);  
box-shadow:4px 4px 4px 4px rgb(129, 255,  
249) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 37.372, 192.304 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 255, 249) }
```

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

```
.background{ background-color: rgb(129,  
255, 249) }
```

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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