

Converting Colors

CIELCh(93, 37.578, 192.676)

Have a look what the booklet for
CIELCh(93, 37.578, 192.676)
contains.

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Color

CIElCh(93, 37.584, 192.318)

Conversions

Conversions Part 1

Format	Color
Hex	80FFF9
RGB	128, 255, 249
RGB Percent	50%, 100%, 98%
CMY	0.4979, 0.0000, 0.0234
CMYK	0.50, 0.00, 0.02, 0.00
HSL	177°, 100%, 75%
HSV	177°, 50%, 100%
XYZ	61.7760, 82.9670, 102.4000
YIQ	216.3430, -73.7660, -28.7900

Conversions

Conversions Part 2

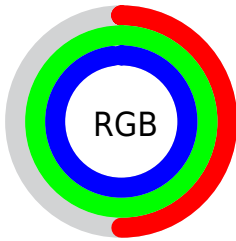
Format	Color
RYB	128, 193, 255
Decimal	8454137
CIELab	93.00, -36.72, -8.02
CIELCh	93, 37.584, 192.318
Yxy	82.9670, 0.2500, 0.3357
Android (android.graphics.Color)	4286644217 (0xFF80FFF9)
YUV	216.3430, 16.0999, -77.4768
Hunter-Lab	91.0862, -38.3397, -2.8940

Details

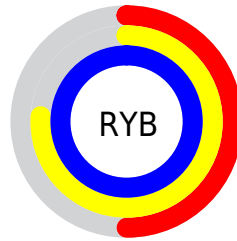
The CIELCh color **93, 37.584, 192.318** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **68, 52.477, 21.810**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 21.394, 198.100**, and **73, 37.650, 192.441** is the 20% darker color. If you saturate the color by 10%, you get **92, 42.626, 191.743**, and if you desaturate by 10%, it is **94, 31.511, 192.945**.

Distribution



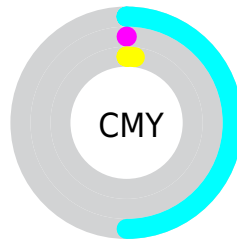
- Red (50%)
- Green (100%)
- Blue (98%)



- Red (50%)
- Yellow (76%)
- Blue (100%)



- Cyan (50%)
- Magenta (0%)
- Yellow (2%)
- Black (0%)





- Cyan (50%)
- Magenta (0%)
- Yellow (2%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 93, 37.584, 192.318 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, 37.584, 192.318 by changing the saturation by 10% instead.


 93, 37.584,
192.318


 93, 37.584,
192.318


 100, 37.584,
192.318


 83, 37.584,
192.318

 73, 37.584,
192.318

 63, 37.584,
192.318

 53, 37.584,
192.318

 43, 37.584,
192.318

 33, 37.584,
192.318

 23, 37.584,

192.318

■ 13, 37.584,
192.318

■ 3, 37.584, 192.318

■ 93, 37.584,
192.318

■ 93, 37.584,
192.318

■ 92, 42.626,
191.743

■ 94, 31.511,
192.945

■ 92, 46.585,
191.154

■ 95, 24.558,
193.571

■ 91, 49.429,
190.559

■ 97, 16.858,
194.222

■ 91, 51.212,
189.946

■ 98, 8.561, 194.915

100, 0.012,

■ 91, 52.133,
189.304

296.813

■ 91, 52.149,
189.291

Harmonies

Complementary

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



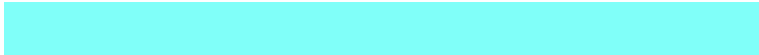
93, 37.584, 192.318



68, 52.477, 21.810

Rectangle

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



93, 37.584, 192.318



93, 37.584, 242.318



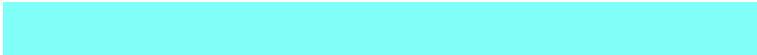
93, 37.584, 12.318



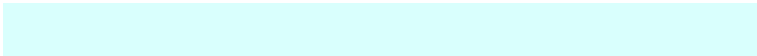
93, 37.584, 62.318

Sweetspot

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



93, 37.574, 192.337



97, 12.948, 194.546



91, 76.739, 139.320



52, 8.784, 194.402



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, 37.574, 192.337



92, 42.719, 191.731



77, 35.482, 259.109



52, 4.974, 194.936



70, 41.971, 189.407



24, 19.207, 190.217

Inverse Universe

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



68, 52.477, 21.810



63, 64.490, 24.392



81, 43.167, 64.094



49, 5.257, 16.136



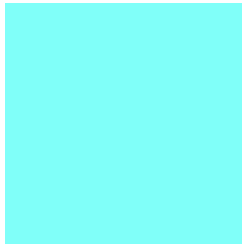
40, 82.233, 38.211



10, 32.987, 25.289

Previews

White Background



This preview shows how the CIE LCh color 93, 37.584, 192.318 looks on a white background.

Color Contrast Check

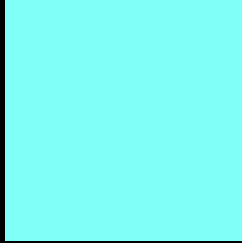
Large Text (above 18pt) WCAG AA × Fail

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, 37.584, 192.318 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

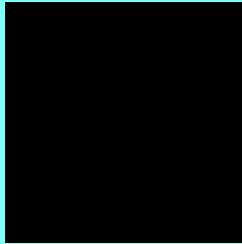
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 93, 37.584, 192.318

Background



This preview shows how black text looks on a background with the CIELCh color 93, 37.584, 192.318.



This preview shows how white text looks on a background with the CIELCh color 93, 37.584, 192.318.

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



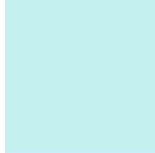


Tritanopia
93, 18.623, 217.938

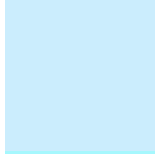
Trichromacy



Original Color
93, 37.584, 192.318



Protanomaly
92, 14.488, 198.496



Deuteranomaly
92, 13.766, 235.977

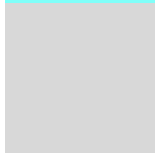


Tritanomaly
92, 25.471, 204.902

Monochromacy



Original Color
93, 37.584, 192.318



Achromatopsia
86, 0.010, 296.813



Achromatomaly
88, 15.650, 194.530

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 37.584, 192.318 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(128, 255, 249)` looks like.

```
.text, #text, p{  
    color:rgb(128, 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(128, 255, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 255, 249) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 37.584, 192.318 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(128, 255, 249) }
```

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

```
.border{ border-color:rgb(128, 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(128, 255, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 255, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 255, 249);  
box-shadow:4px 4px 4px 4px rgb(128, 255,  
249) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 37.584, 192.318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 255, 249) }
```

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

```
.background{ background-color: rgb(128,  
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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