

Converting Colors

CIELCh(100, 51.145, 170.272)

Have a look what the booklet for
CIELCh(100, 51.145, 170.272)
contains.

CIELCh(93, 39.254, 182.384)	3
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Color

CIELCh(93, 39.254, 182.384)

Conversions

Conversions Part 1

Format	Color
Hex	84FFED
RGB	132, 255, 237
RGB Percent	52%, 100%, 93%
CMY	0.4833, 0.0000, 0.0717
CMYK	0.48, 0.00, 0.07, 0.00
HSL	171°, 100%, 76%
HSV	171°, 48%, 100%
XYZ	60.7118, 82.9670, 92.7122
YIQ	216.1710, -67.5300, -31.6740

Conversions

Conversions Part 2

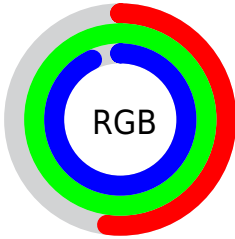
Format	Color
RYB	132, 198, 255
Decimal	8716269
CIELab	93.00, -39.22, -1.63
CIElCh	93, 39.254, 182.384
Yxy	82.9670, 0.2568, 0.3510
Android (android.graphics.Color)	4286906349 (0xFF84FFED)
YUV	216.1710, 10.2687, -73.8180
Hunter-Lab	91.0862, -40.4251, 3.4120

Details

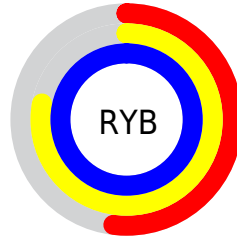
The CIELCh color **93, 39.254, 182.384** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **69, 49.938, 13.884**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 20.509, 198.155**, and **73, 39.036, 182.694** is the 20% darker color. If you saturate the color by 10%, you get **92, 44.864, 181.766**, and if you desaturate by 10%, it is **94, 32.093, 183.852**.

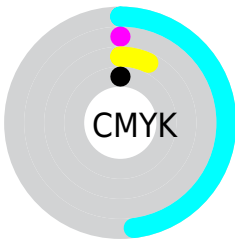
Distribution



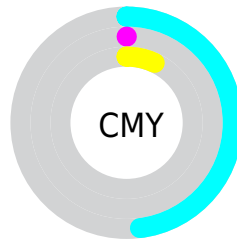
- Red (52%)
- Green (100%)
- Blue (93%)



- Red (52%)
- Yellow (78%)
- Blue (100%)



- Cyan (48%)
- Magenta (0%)
- Yellow (7%)
- Black (0%)





- Cyan (48%)
- Magenta (0%)
- Yellow (7%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 93, 39.254, 182.384 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, 39.254, 182.384 by changing the saturation by 10% instead.


 93, 39.254,
182.384


 93, 39.254,
182.384

 100, 39.254,
182.384


 83, 39.254,
182.384

 73, 39.254,
182.384

 63, 39.254,
182.384

 53, 39.254,
182.384

 43, 39.254,
182.384

 33, 39.254,
182.384

 23, 39.254,

182.384

■ 13, 39.254,
182.384

■ 3, 39.254, 182.384

■ 93, 39.254,
182.384

■ 93, 39.254,
182.384

■ 92, 44.864,
181.766

■ 94, 32.093,
183.852

■ 91, 49.765,
180.596

■ 95, 24.470,
184.806

■ 91, 53.588,
179.312

■ 97, 16.225,
185.725

■ 90, 56.357,
177.893

■ 98, 7.512, 186.641

100, 0.012,

■ 90, 58.217,
176.335

296.813

■ 90, 58.488,
176.073

Harmonies

Complementary

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



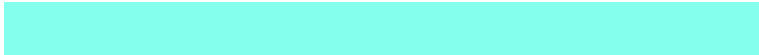
93, 39.254, 182.384



69, 49.938, 13.884

Rectangle

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



93, 39.254, 182.384



93, 39.254, 232.384



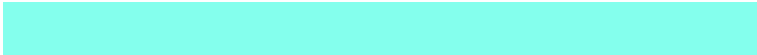
93, 39.254, 2.384



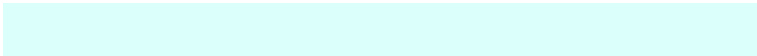
93, 39.254, 52.384

Sweetspot

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



93, 38.938, 182.844



97, 12.498, 186.118



92, 72.529, 137.214



52, 8.592, 185.922



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

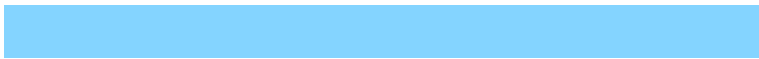
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 38.938, 182.844



92, 44.683, 181.803



81, 31.595, 245.190



52, 5.116, 186.530



69, 46.959, 176.368



23, 21.141, 178.458

Inverse Universe

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



69, 49.938, 13.884



64, 60.480, 16.306



78, 41.875, 54.059



50, 5.344, 8.057



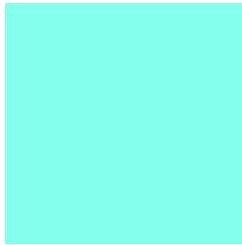
40, 77.560, 33.181



10, 32.290, 21.086

Previews

White Background



This preview shows how the CIE LCh color 93, 39.254, 182.384 looks on a white background.

Color Contrast Check

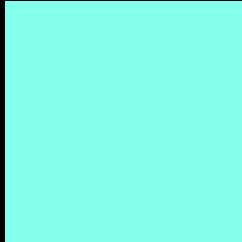
Large Text (above 18pt) WCAG AA × Fail

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, 39.254, 182.384 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, 39.254, 182.384

Background



This preview shows how black text looks on a background with the CIELCh color 93, 39.254, 182.384.



This preview shows how white text looks on a background with the CIELCh color 93, 39.254, 182.384.

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

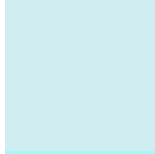
Trichromacy



Original Color
93, 38.822, 183.037



Protanomaly
92, 15.050, 176.173



Deuteranomaly
92, 10.048, 210.760

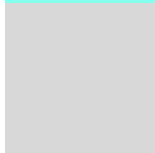


Tritanomaly
92, 25.099, 199.027

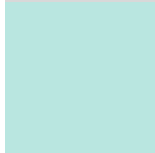
Monochromacy



Original Color
93, 38.822, 183.037



Achromatopsia
86, 0.010, 296.813



Achromatomaly
88, 15.785, 186.864

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 39.254, 182.384 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(132, 255, 237)` looks like.

```
.text, #text, p{  
    color:rgb(132, 255, 237)  
}
```

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(132, 255, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 255, 237) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 39.254, 182.384 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(132, 255, 237) }
```

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

```
.border{ border-color:rgb(132, 255, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 255, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 255, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 255, 237);  
box-shadow:4px 4px 4px 4px rgb(132, 255,  
237) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 39.254, 182.384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 255, 237) }
```

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

```
.background{ background-color: rgb(132,  
255, 237) }
```

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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