

Converting Colors

CIELCh(93, 47.373, 154.170)

Have a look what the booklet for
CIELCh(93, 47.373, 154.170)
contains.

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Color

CIELCh(93, 46.713, 154.509)

Conversions

Conversions Part 1

Format	Color
Hex	9CFFC3
RGB	156, 255, 195
RGB Percent	61%, 100%, 76%
CMY	0.3893, 0.0000, 0.2364
CMYK	0.39, 0.00, 0.24, 0.00
HSL	144°, 100%, 81%
HSV	144°, 39%, 100%
XYZ	59.4744, 82.9670, 64.3364
YIQ	218.5590, -39.7440, -39.6480

Conversions

Conversions Part 2

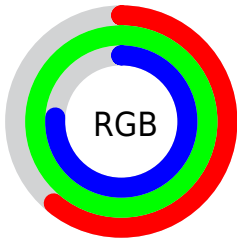
Format	Color
RYB	156, 227, 255
Decimal	10289091
CIELab	93.00, -42.17, 20.10
CIElCh	93, 46.713, 154.509
Yxy	82.9670, 0.2876, 0.4012
Android (android.graphics.Color)	4288479171 (0xFF9CFFC3)
YUV	218.5590, -11.6146, -54.8642
Hunter-Lab	91.0862, -42.8500, 21.8824

Details

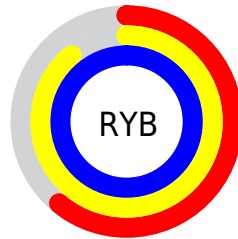
The CIELCh color **93, 46.713, 154.509** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **76, 47.409, 341.654**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 13.928, 192.220**, and **73, 46.307, 154.540** is the 20% darker color. If you saturate the color by 10%, you get **91, 57.410, 153.379**, and if you desaturate by 10%, it is **94, 34.659, 155.780**.

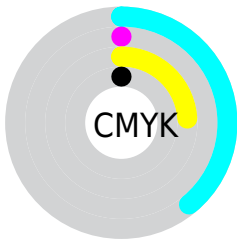
Distribution



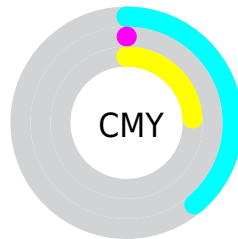
- Red (61%)
- Green (100%)
- Blue (76%)



- Red (61%)
- Yellow (89%)
- Blue (100%)



- Cyan (39%)
- Magenta (0%)
- Yellow (24%)
- Black (0%)





- Cyan (39%)
- Magenta (0%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 93, 46.713, 154.509 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, 46.713, 154.509 by changing the saturation by 10% instead.


 93, 46.713,
154.509


 93, 46.713,
154.509


 100, 46.713,
154.509


 83, 46.713,
154.509

 73, 46.713,
154.509

 63, 46.713,
154.509

 53, 46.713,
154.509

 43, 46.713,
154.509

 33, 46.713,
154.509

 23, 46.713,

154.509

■ 13, 46.713,
154.509

■ 3, 46.713, 154.509

■ 93, 46.713,
154.509

■ 93, 46.713,
154.509

■ 91, 57.410,
153.379

■ 94, 34.659,
155.780

■ 90, 67.811,
151.913

■ 96, 22.738,
156.765

■ 90, 77.286,
150.243

■ 98, 10.706,
157.647

■ 89, 85.677,
148.366

■ 100, 0.012,
296.813

■ 88, 92.903,
146.300

■ 88, 99.014,
144.125

■ 88, 99.627,
143.902

Harmonies

Complementary

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



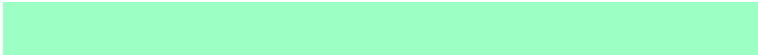
93, 46.713, 154.509



76, 47.409, 341.654

Rectangle

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



93, 46.713, 154.509



93, 46.713, 204.509



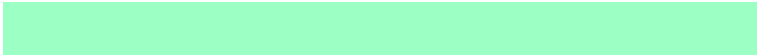
93, 46.713, 334.509



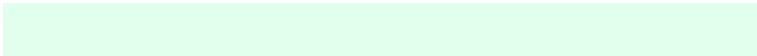
93, 46.713, 24.509

Sweetspot

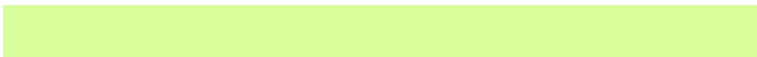
The Sweet Spot groups the original color and five complimentary colors.



93, 46.287, 154.661



97, 14.402, 157.384



95, 51.726, 122.866



52, 9.556, 157.270



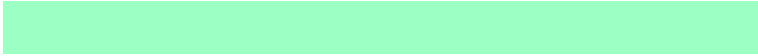
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



93, 46.287, 154.661



92, 55.313, 153.640



94, 31.952, 186.577



52, 6.818, 157.598



68, 79.522, 144.309



23, 34.198, 147.427

Inverse Universe

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



76, 47.409, 341.654



72, 56.690, 342.542



75, 39.574, 14.427



50, 6.872, 338.975



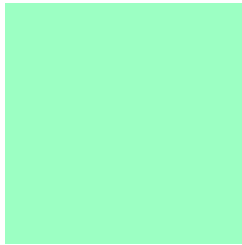
42, 70.592, 352.349



11, 33.269, 348.439

Previews

White Background



This preview shows how the CIE LCh color 93, 46.713, 154.509 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, 46.713, 154.509 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

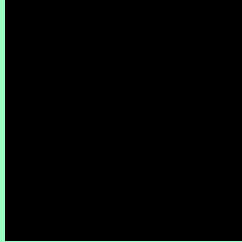
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 93, 46.713, 154.509

Background



This preview shows how black text looks on a background with the CIELCh color 93, 46.713, 154.509.

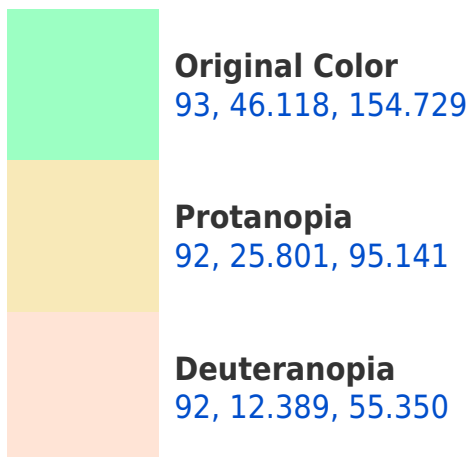


This preview shows how white text looks on a background with the CIELCh color 93, 46.713, 154.509.

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



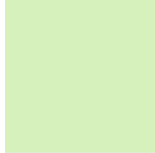


Tritanopia
92, 16.447, 224.806

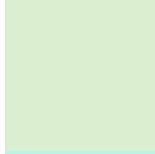
Trichromacy



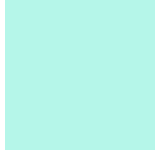
Original Color
93, 46.118, 154.729



Protanomaly
92, 28.990, 128.391



Deuteranomaly
92, 17.446, 132.360

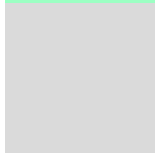


Tritanomaly
92, 22.903, 180.805

Monochromacy



Original Color
93, 46.118, 154.729



Achromatopsia
87, 0.010, 296.813



Achromatomaly
89, 16.965, 158.180

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 46.713, 154.509 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(156, 255, 195)` looks like.

```
.text, #text, p{  
    color:rgb(156, 255, 195)  
}
```

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(156, 255, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 255, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 46.713, 154.509 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(156, 255, 195) }
```

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

```
.border{ border-color:rgb(156, 255, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 255, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 255, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 255, 195);  
box-shadow:4px 4px 4px 4px rgb(156, 255,  
195) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 46.713, 154.509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 255, 195) }
```

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

```
.background{ background-color: rgb(156,  
255, 195) }
```

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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