

Converting Colors

CIELCh(98, 55.089, 154.290)

Have a look what the booklet for
CIELCh(98, 55.089, 154.290)
contains.

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Color

CIELCh(93, 44.809, 158.364)

Conversions

Conversions Part 1

Format	Color
Hex	99FFCA
RGB	153, 255, 202
RGB Percent	60%, 100%, 79%
CMY	0.4012, 0.0000, 0.2091
CMYK	0.40, 0.00, 0.21, 0.00
HSL	149°, 100%, 80%
HSV	149°, 40%, 100%
XYZ	59.6890, 82.9670, 68.5449
YIQ	218.4600, -43.7790, -38.1070

Conversions

Conversions Part 2

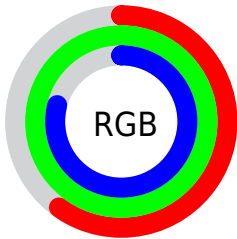
Format	Color
RYB	153, 222, 255
Decimal	10092490
CIELab	93.00, -41.65, 16.52
CIELCh	93, 44.809, 158.364
Yxy	82.9670, 0.2826, 0.3928
Android (android.graphics.Color)	4288282570 (0xFF99FFCA)
YUV	218.4600, -8.1148, -57.4084
Hunter-Lab	91.0862, -42.4295, 19.1430

Details

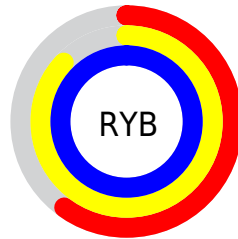
The CIELCh color **93, 44.809, 158.364** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **75, 46.330, 346.466**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 14.683, 198.527**, and **73, 44.425, 158.702** is the 20% darker color. If you saturate the color by 10%, you get **92, 54.581, 157.214**, and if you desaturate by 10%, it is **94, 33.695, 159.731**.

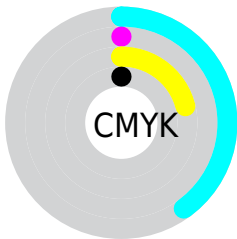
Distribution



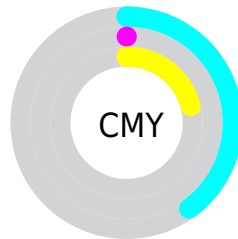
- Red (60%)
- Green (100%)
- Blue (79%)



- Red (60%)
- Yellow (87%)
- Blue (100%)



- Cyan (40%)
- Magenta (0%)
- Yellow (21%)
- Black (0%)





- Cyan (40%)
- Magenta (0%)
- Yellow (21%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 44.809, 158.364 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, 44.809, 158.364 by changing the saturation by 10% instead.

 93, 44.809,
158.364

 93, 44.809,
158.364

 100, 44.809,
158.364

 83, 44.809,
158.364

 73, 44.809,
158.364

 63, 44.809,
158.364

 53, 44.809,
158.364

 43, 44.809,
158.364

 33, 44.809,
158.364

 23, 44.809,

158.364

■ 13, 44.809,
158.364

■ 3, 44.809, 158.364

■ 93, 44.809,
158.364

■ 93, 44.809,
158.364

■ 92, 54.581,
157.214

■ 94, 33.695,
159.731

■ 91, 64.013,
155.691

■ 96, 22.630,
160.778

■ 90, 72.535,
153.963

■ 98, 11.391,
161.726

■ 89, 80.029,
152.018

■ 100, 0.127,
166.284

■ 89, 86.467,
149.866

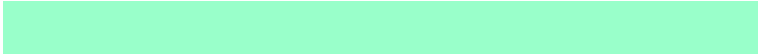
100, 0.012,
296.813

■ 88, 91.924,
147.616

Harmonies

Complementary

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



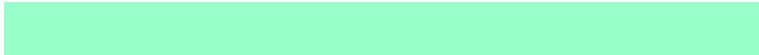
93, 44.809, 158.364



75, 46.330, 346.466

Rectangle

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



93, 44.809, 158.364



93, 44.809, 208.364



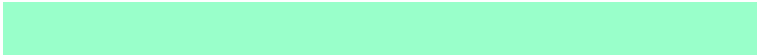
93, 44.809, 338.364



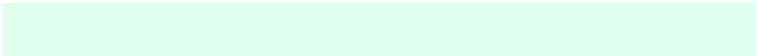
93, 44.809, 28.364

Sweetspot

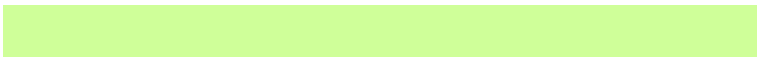
The Sweet Spot groups the original color and five complimentary colors.



93, 44.410, 158.552



97, 13.510, 161.553



95, 54.319, 125.962



52, 8.961, 161.431



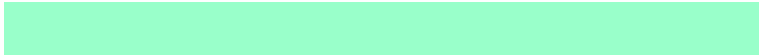
0, 0.000, 0.000



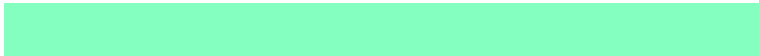
53, 0.007, 296.813

Same Dimension

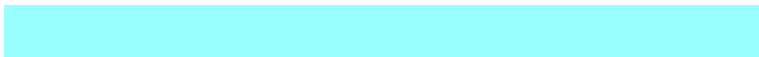
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 44.410, 158.552



92, 52.480, 157.512



94, 31.562, 194.243



52, 6.399, 161.782



68, 73.376, 148.045



23, 31.614, 151.266

Inverse Universe

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



75, 46.330, 346.466



71, 54.985, 347.518



74, 41.323, 20.933



50, 6.474, 343.270



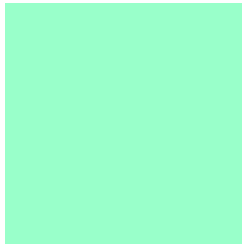
41, 68.520, 0.108



11, 32.085, 354.841

Previews

White Background



This preview shows how the CIE LCh color 93, 44.809, 158.364 looks on a white background.

Color Contrast Check

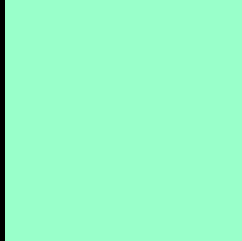
Large Text (above 18pt) WCAG AA × Fail

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, 44.809, 158.364 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

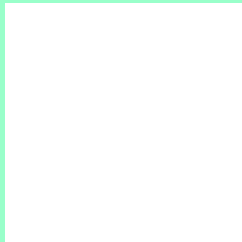
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 44.809, 158.364

Background



This preview shows how black text looks on a background with the CIELCh color 93, 44.809, 158.364.

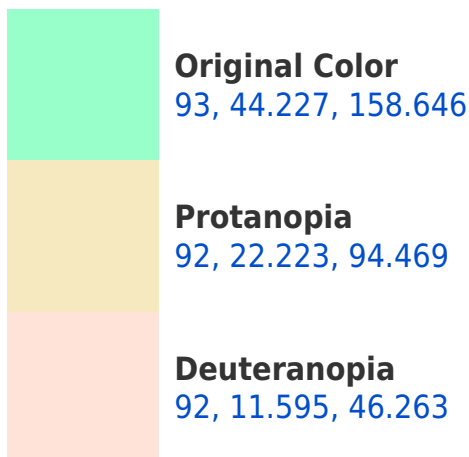


This preview shows how white text looks on a background with the CIELCh color 93, 44.809, 158.364.

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



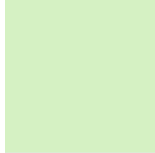


Tritanopia
93, 16.819, 222.181

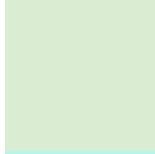
Trichromacy



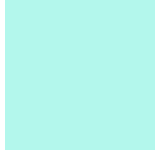
Original Color
93, 44.227, 158.646



Protanomaly
92, 25.825, 131.933



Deuteranomaly
92, 15.126, 136.226

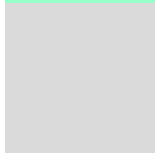


Tritanomaly
93, 23.383, 183.777

Monochromacy



Original Color
93, 44.227, 158.646



Achromatopsia
87, 0.010, 296.813



Achromatomaly
89, 16.547, 161.580

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 44.809, 158.364 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(153, 255, 202)` looks like.

```
.text, #text, p{  
    color:rgb(153, 255, 202)  
}
```

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(153, 255, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 255, 202) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 44.809, 158.364 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(153, 255, 202) }
```

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

```
.border{ border-color:rgb(153, 255, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 255, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 255, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 255, 202);  
box-shadow:4px 4px 4px 4px rgb(153, 255,  
202) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 44.809, 158.364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 255, 202) }
```

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

```
.background{ background-color: rgb(153,  
255, 202) }
```

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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