

Converting Colors

CIELCh(93, 38.466, 163.000)

Have a look what the booklet for
CIELCh(93, 38.466, 163.000)
contains.

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Color

CIELCh(93, 38.589, 162.888)

Conversions

Conversions Part 1

Format	Color
Hex	A0FED4
RGB	160, 254, 212
RGB Percent	63%, 100%, 83%
CMY	0.3732, 0.0046, 0.1693
CMYK	0.37, 0.00, 0.17, 0.00
HSL	153°, 98%, 81%
HSV	153°, 37%, 100%
XYZ	61.7067, 82.9670, 74.9324
YIQ	221.1060, -42.5420, -32.9900

Conversions

Conversions Part 2

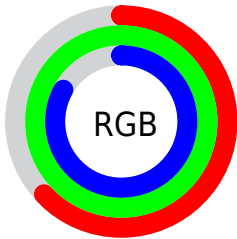
Format	Color
RYB	160, 221, 254
Decimal	10550996
CIELab	93.00, -36.88, 11.35
CIELCh	93, 38.589, 162.888
Yxy	82.9670, 0.2810, 0.3778
Android (android.graphics.Color)	4288741076 (0xFFA0FED4)
YUV	221.1060, -4.4893, -53.5900
Hunter-Lab	91.0862, -38.4755, 14.9853

Details

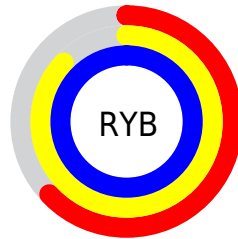
The CIELCh color **93, 38.589, 162.888** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **76, 40.939, 350.524**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 12.771, 198.653**, and **73, 38.842, 162.603** is the 20% darker color. If you saturate the color by 10%, you get **92, 48.167, 161.581**, and if you desaturate by 10%, it is **95, 28.499, 164.051**.

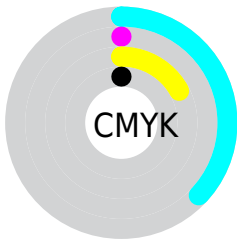
Distribution



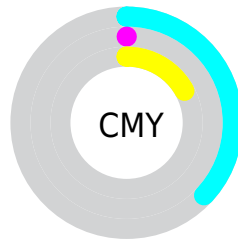
- Red (63%)
- Green (100%)
- Blue (83%)



- Red (63%)
- Yellow (87%)
- Blue (100%)



- Cyan (37%)
- Magenta (0%)
- Yellow (17%)
- Black (0%)





- Cyan (37%)
- Magenta (0%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 93, 38.589, 162.888 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, 38.589, 162.888 by changing the saturation by 10% instead.

 93, 38.589,
162.888


 93, 38.589,
162.888


 100, 38.589,
162.888


 83, 38.589,
162.888

 73, 38.589,
162.888

 63, 38.589,
162.888

 53, 38.589,
162.888

 43, 38.589,
162.888

 33, 38.589,
162.888

 23, 38.589,

162.888

■ 13, 38.589,
162.888

■ 3, 38.589, 162.888

■ 93, 38.589,
162.888

■ 93, 38.589,
162.888

■ 92, 48.167,
161.581

■ 95, 28.499,
164.051

■ 91, 57.047,
160.108

■ 96, 18.074,
165.100

■ 90, 65.067,
158.440

■ 98, 7.475, 166.079

■ 89, 72.112,
156.560

100, 0.741,
324.050

■ 89, 78.144,
154.462

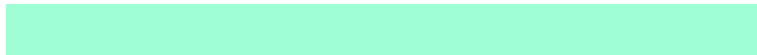
■ 88, 83.234,
152.172

■ 88, 84.640,
151.493

Harmonies

Complementary

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



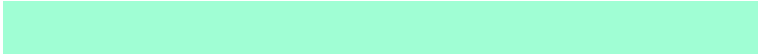
93, 38.589, 162.888



76, 40.939, 350.524

Rectangle

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



93, 38.589, 162.888



93, 38.589, 212.888



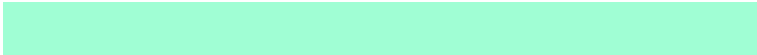
93, 38.589, 342.888



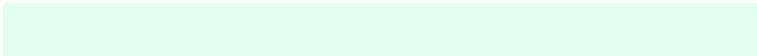
93, 38.589, 32.888

Sweetspot

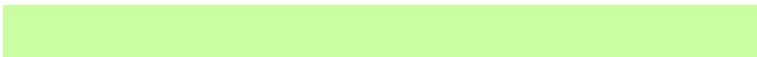
The Sweet Spot groups the original color and five complimentary colors.



93, 38.590, 162.887



98, 11.735, 165.692



94, 51.183, 129.066



52, 7.883, 165.561



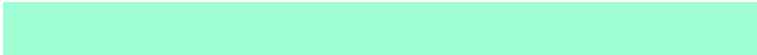
0, 0.000, 0.000



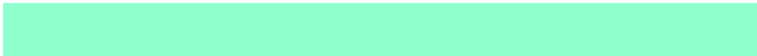
53, 0.007, 296.813

Same Dimension

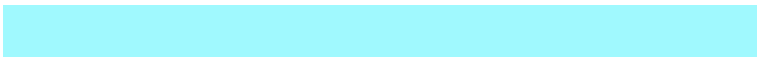
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 38.590, 162.887



92, 45.498, 161.992



93, 27.674, 202.788



52, 6.066, 165.837



68, 67.838, 151.922



23, 29.354, 155.155

Inverse Universe

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



76, 40.939, 350.524



73, 48.715, 351.528



76, 36.271, 26.504



50, 6.164, 347.415



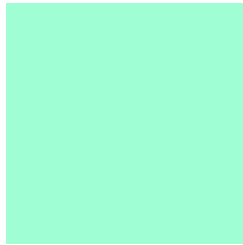
41, 68.002, 7.250



10, 31.471, 0.852

Previews

White Background



This preview shows how the CIE LCh color 93, 38.589, 162.888 looks on a white background.

Color Contrast Check

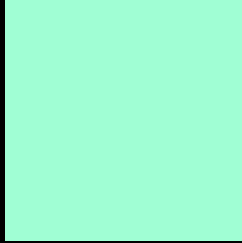
Large Text (above 18pt) WCAG AA × Fail

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, 38.589, 162.888 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

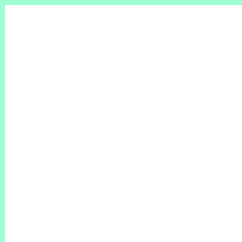
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 38.589, 162.888

Background



This preview shows how black text looks on a background with the CIELCh color 93, 38.589, 162.888.

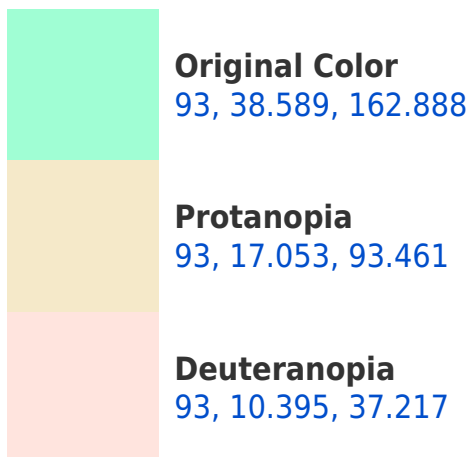


This preview shows how white text looks on a background with the CIELCh color 93, 38.589, 162.888.

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](#).

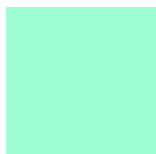
Dichromacy



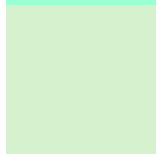


Tritanopia
93, 15.987, 223.537

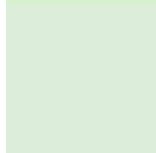
Trichromacy



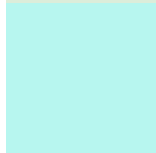
Original Color
93, 38.589, 162.888



Protanomaly
92, 21.031, 136.614



Deuteranomaly
92, 11.602, 141.179



Tritanomaly
93, 21.282, 188.213

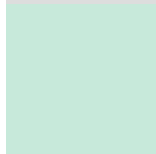
Monochromacy



Original Color
93, 38.589, 162.888



Achromatopsia
88, 0.010, 296.813



Achromatomaly
90, 14.401, 165.670

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 38.589, 162.888 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(160, 254, 212)` looks like.

```
.text, #text, p{  
    color:rgb(160, 254, 212)  
}
```

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(160, 254, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 254, 212) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 38.589, 162.888 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(160, 254, 212) }
```

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

```
.border{ border-color:rgb(160, 254, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 254, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 254, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 254, 212);  
box-shadow:4px 4px 4px 4px rgb(160, 254,  
212) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 38.589, 162.888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 254, 212) }
```

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

```
.background{ background-color: rgb(160,  
254, 212) }
```

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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