

Converting Colors

CIELCh(93, 39.853, 163.166)

Have a look what the booklet for
CIELCh(93, 39.853, 163.166)
contains.

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Color

CIElCh(93, 39.874, 163.148)

Conversions

Conversions Part 1

Format	Color
Hex	9CFED3
RGB	156, 254, 211
RGB Percent	61%, 100%, 83%
CMY	0.3867, 0.0023, 0.1710
CMYK	0.39, 0.00, 0.17, 0.00
HSL	154°, 99%, 81%
HSV	154°, 39%, 100%
XYZ	61.1606, 82.9670, 74.6716
YIQ	219.7960, -44.6050, -34.1490

Conversions

Conversions Part 2

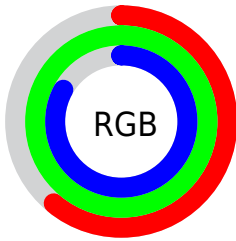
Format	Color
RYB	156, 219, 254
Decimal	10288851
CIELab	93.00, -38.16, 11.56
CIELCh	93, 39.874, 163.148
Yxy	82.9670, 0.2795, 0.3792
Android (android.graphics.Color)	4288478931 (0xFF9CFED3)
YUV	219.7960, -4.3364, -55.9491
Hunter-Lab	91.0862, -39.5457, 15.1550

Details

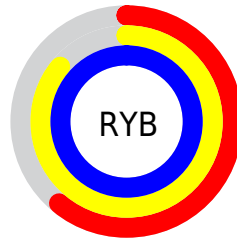
The CIELCh color **93, 39.874, 163.148** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **76, 42.495, 351.226**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 13.731, 198.590**, and **73, 40.081, 162.755** is the 20% darker color. If you saturate the color by 10%, you get **92, 49.298, 161.817**, and if you desaturate by 10%, it is **94, 29.906, 164.332**.

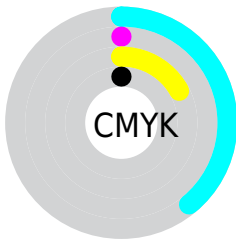
Distribution



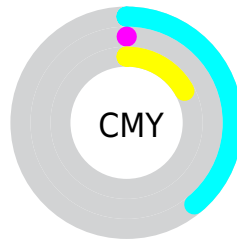
- Red (61%)
- Green (100%)
- Blue (83%)



- Red (61%)
- Yellow (86%)
- Blue (100%)



- Cyan (39%)
- Magenta (0%)
- Yellow (17%)
- Black (0%)





- Cyan (39%)
- Magenta (0%)
- Yellow (17%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 39.874, 163.148 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, 39.874, 163.148 by changing the saturation by 10% instead.

 93, 39.874,
163.148


 93, 39.874,
163.148


 100, 39.874,
163.148


 83, 39.874,
163.148

 73, 39.874,
163.148

 63, 39.874,
163.148

 53, 39.874,
163.148

 43, 39.874,
163.148

 33, 39.874,
163.148

 23, 39.874,

163.148

■ 13, 39.874,
163.148

■ 3, 39.874, 163.148

■ 93, 39.874,
163.148

■ 93, 39.874,
163.148

■ 92, 49.298,
161.817

■ 94, 29.906,
164.332

■ 91, 57.993,
160.316

■ 96, 19.569,
165.400

■ 90, 65.805,
158.619

■ 98, 9.031, 166.387

■ 89, 72.629,
156.707

100, 0.379,
323.638

■ 89, 78.443,
154.578

■ 89, 83.358,
152.274

■ 89, 84.046,
151.940

Harmonies

Complementary

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



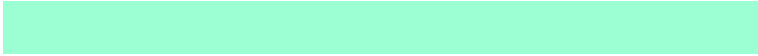
93, 39.874, 163.148



76, 42.495, 351.226

Rectangle

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



93, 39.874, 163.148



93, 39.874, 213.148



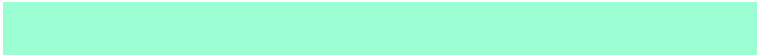
93, 39.874, 343.148



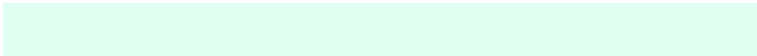
93, 39.874, 33.148

Sweetspot

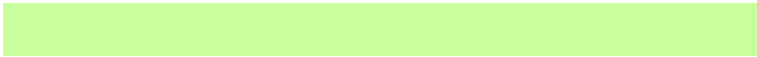
The Sweet Spot groups the original color and five complimentary colors.



93, 39.875, 163.147



98, 12.729, 166.049



94, 53.294, 128.994



52, 8.441, 165.921



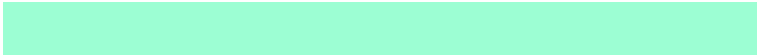
0, 0.000, 0.000



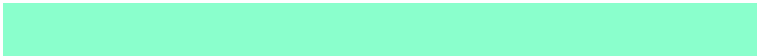
53, 0.007, 296.813

Same Dimension

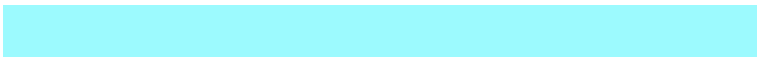
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 39.875, 163.147



92, 47.067, 162.167



93, 28.643, 202.771



52, 6.033, 166.292



68, 67.246, 152.373



23, 29.115, 155.602

Inverse Universe

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



76, 42.495, 351.226



72, 50.663, 352.350



76, 38.019, 26.691



50, 6.134, 347.878



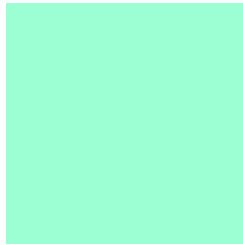
41, 68.021, 8.018



10, 31.430, 1.509

Previews

White Background



This preview shows how the CIE LCh color 93, 39.874, 163.148 looks on a white background.

Color Contrast Check

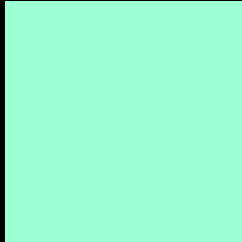
Large Text (above 18pt) WCAG AA × Fail

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, 39.874, 163.148 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, 39.874, 163.148

Background



This preview shows how black text looks on a background with the CIELCh color 93, 39.874, 163.148.

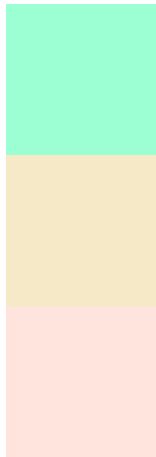


This preview shows how white text looks on a background with the CIELCh color 93, 39.874, 163.148.

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



Original Color
93, 39.874, 163.148

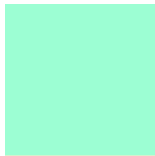
Protanopia
93, 17.550, 93.842

Deuteranopia
93, 10.395, 37.217

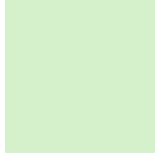


Tritanopia
93, 16.264, 223.069

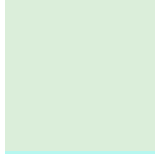
Trichromacy



Original Color
93, 39.874, 163.148



Protanomaly
92, 21.662, 136.797



Deuteranomaly
92, 12.425, 142.660

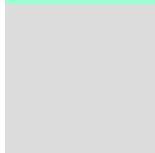


Tritanomaly
93, 22.010, 187.129

Monochromacy



Original Color
93, 39.874, 163.148



Achromatopsia
88, 0.010, 296.813



Achromatomaly
89, 15.279, 165.398

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 39.874, 163.148 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, 254, 211)` looks like.

```
.text, #text, p{  
    color:rgb(156, 254, 211)  
}
```

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, 254, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 254, 211) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 39.874, 163.148 is called "border". The border property can be set on classes, ids or directly on the HTML element.

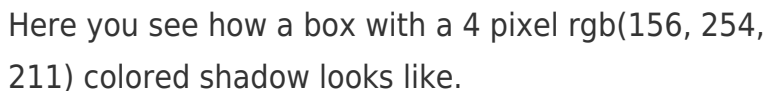
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(156, 254, 211) }
```

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

```
.border{ border-color:rgb(156, 254, 211) }
```

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



Here you see how a box with a 4 pixel `rgb(156, 254, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(156, 254, 211); -webkit-box-shadow:4px 4px 4px 4px rgb(156, 254, 211); box-shadow:4px 4px 4px 4px rgb(156, 254, 211) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 39.874, 163.148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 254, 211) }
```

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

```
.background{ background-color: rgb(156,  
254, 211) }
```

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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