

Converting Colors

CIELCh(93, 39.686, 159.623)

Have a look what the booklet for
CIELCh(93, 39.686, 159.623)
contains.

CIELCh(93, 39.823, 159.552)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIElCh(93, 39.823, 159.552)

Conversions

Conversions Part 1

Format	Color
Hex	A2FECF
RGB	162, 254, 207
RGB Percent	64%, 100%, 81%
CMY	0.3652, 0.0044, 0.1887
CMYK	0.36, 0.00, 0.19, 0.00
HSL	149°, 98%, 82%
HSV	149°, 36%, 100%
XYZ	61.5217, 82.9670, 71.7228
YIQ	221.1340, -39.7450, -34.1210

Conversions

Conversions Part 2

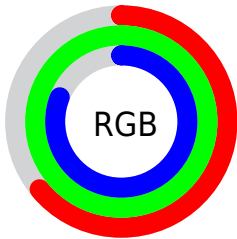
Format	Color
RYB	162, 224, 254
Decimal	10682063
CIELab	93.00, -37.31, 13.91
CIELCh	93, 39.823, 159.552
Yxy	82.9670, 0.2845, 0.3837
Android (android.graphics.Color)	4288872143 (0xFFA2FECF)
YUV	221.1340, -6.9681, -51.8605
Hunter-Lab	91.0862, -38.8380, 17.0745

Details

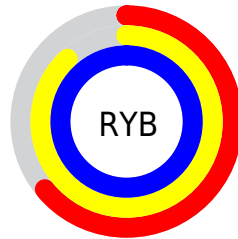
The CIELCh color **93, 39.823, 159.552** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **77, 41.514, 346.583**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 12.126, 198.696**, and **73, 39.850, 159.789** is the 20% darker color. If you saturate the color by 10%, you get **92, 50.090, 158.275**, and if you desaturate by 10%, it is **95, 29.090, 160.680**.

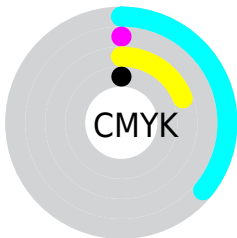
Distribution



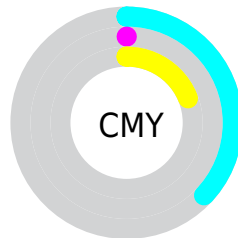
- Red (64%)
- Green (100%)
- Blue (81%)



- Red (64%)
- Yellow (88%)
- Blue (100%)



- Cyan (36%)
- Magenta (0%)
- Yellow (19%)
- Black (0%)



- Cyan (37%)
- Magenta (0%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 39.823, 159.552 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, 39.823, 159.552 by changing the saturation by 10% instead.

■ 93, 39.823,
159.552

■ 93, 39.823,
159.552

■ 100, 39.823,
159.552

■ 83, 39.823,
159.552

■ 73, 39.823,
159.552

■ 63, 39.823,
159.552

■ 53, 39.823,
159.552

■ 43, 39.823,
159.552

■ 33, 39.823,
159.552

■ 23, 39.823,

159.552

■ 13, 39.823,
159.552

■ 3, 39.823, 159.552

■ 93, 39.823,
159.552

■ 93, 39.823,
159.552

■ 92, 50.090,
158.275

■ 95, 29.090,
160.680

■ 91, 59.691,
156.825

■ 96, 18.072,
161.689

■ 90, 68.447,
155.177

■ 98, 6.937, 162.627

■ 89, 76.222,
153.315

100, 0.709,
324.030

■ 89, 82.951,
151.237

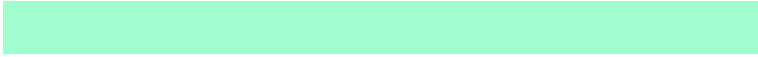
■ 88, 88.673,
148.974

■ 88, 90.650,
148.121

Harmonies

Complementary

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



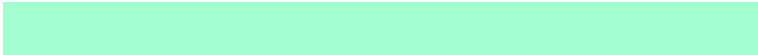
93, 39.823, 159.552



77, 41.514, 346.583

Rectangle

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



93, 39.823, 159.552



93, 39.823, 209.552



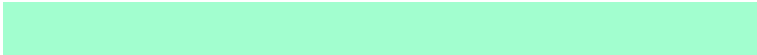
93, 39.823, 339.552



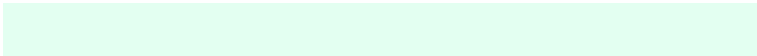
93, 39.823, 29.552

Sweetspot

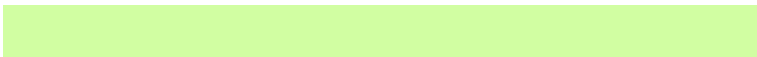
The Sweet Spot groups the original color and five complimentary colors.



93, 39.824, 159.551



98, 12.289, 162.182



95, 49.240, 126.754



52, 8.258, 162.056



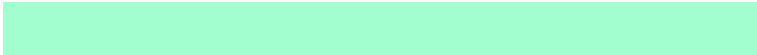
0, 0.000, 0.000



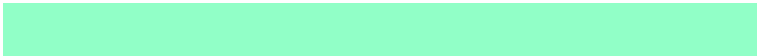
53, 0.007, 296.813

Same Dimension

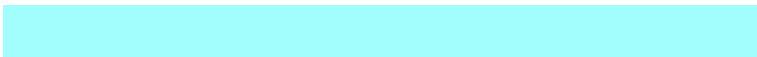
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 39.824, 159.551



92, 46.997, 158.704



94, 28.746, 196.046



52, 6.351, 162.321



68, 72.614, 148.546



23, 31.300, 151.773

Inverse Universe

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



77, 41.514, 346.583



73, 49.262, 347.443



76, 36.850, 21.551



50, 6.429, 343.822



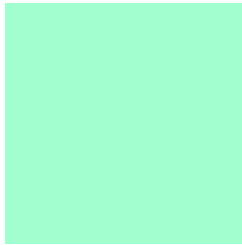
41, 68.375, 1.083



10, 31.975, 355.653

Previews

White Background



This preview shows how the CIE LCh color 93, 39.823, 159.552 looks on a white background.

Color Contrast Check

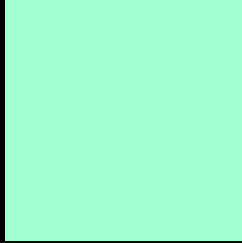
Large Text (above 18pt) WCAG AA × Fail

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, 39.823, 159.552 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, 39.823, 159.552

Background



This preview shows how black text looks on a background with the CIELCh color 93, 39.823, 159.552.

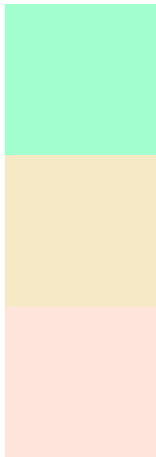


This preview shows how white text looks on a background with the CIELCh color 93, 39.823, 159.552.

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, 39.823, 159.552

Protanopia

93, 19.141, 93.744

Deuteranopia

93, 10.779, 42.357

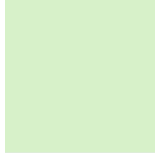


Tritanopia
93, 15.710, 224.023

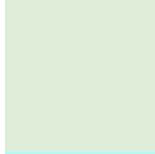
Trichromacy



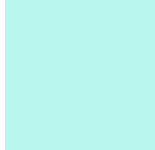
Original Color
93, 39.823, 159.552



Protanomaly
92, 22.707, 133.405



Deuteranomaly
92, 12.775, 136.200

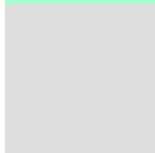


Tritanomaly
93, 20.832, 186.580

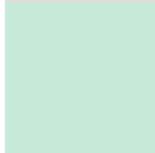
Monochromacy



Original Color
93, 39.823, 159.552



Achromatopsia
88, 0.010, 296.813



Achromatomaly
90, 14.754, 161.669

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 39.823, 159.552 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(162, 254, 207)` looks like.

```
.text, #text, p{  
    color:rgb(162, 254, 207)  
}
```

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(162, 254, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 254, 207) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 39.823, 159.552 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(162, 254, 207) }
```

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

```
.border{ border-color:rgb(162, 254, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 254, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(162, 254, 207); -webkit-box-shadow:4px 4px 4px 4px rgb(162, 254, 207); box-shadow:4px 4px 4px 4px rgb(162, 254, 207) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 39.823, 159.552 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 254, 207) }
```

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

```
.background{ background-color: rgb(162,  
254, 207) }
```

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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