

Converting Colors

CIELCh(93, 44.035, 162.906)

Have a look what the booklet for
CIELCh(93, 44.035, 162.906)
contains.

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Color

CIELCh(93, 43.394, 163.578)

Conversions

Conversions Part 1

Format	Color
Hex	93FFD2
RGB	147, 255, 210
RGB Percent	58%, 100%, 82%
CMY	0.4238, 0.0000, 0.1769
CMYK	0.42, 0.00, 0.18, 0.00
HSL	155°, 100%, 79%
HSV	155°, 42%, 100%
XYZ	59.7008, 82.9670, 73.7755
YIQ	217.5780, -49.9230, -36.8910

Conversions

Conversions Part 2

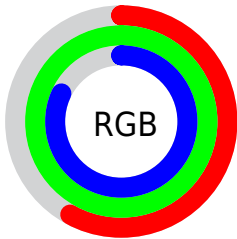
Format	Color
RYB	147, 215, 255
Decimal	9699282
CIELab	93.00, -41.62, 12.27
CIELCh	93, 43.394, 163.578
Yxy	82.9670, 0.2758, 0.3833
Android (android.graphics.Color)	4287889362 (0xFF93FFD2)
YUV	217.5780, -3.7360, -61.8969
Hunter-Lab	91.0862, -42.4064, 15.7383

Details

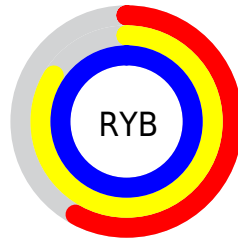
The CIELCh color **93, 43.394, 163.578** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **73, 46.313, 353.189**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 16.562, 198.406**, and **73, 43.268, 163.603** is the 20% darker color. If you saturate the color by 10%, you get **92, 51.846, 162.510**, and if you desaturate by 10%, it is **94, 33.295, 165.144**.

Distribution



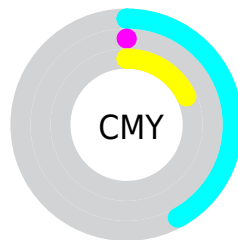
- Red (58%)
- Green (100%)
- Blue (82%)



- Red (58%)
- Yellow (84%)
- Blue (100%)



- Cyan (42%)
- Magenta (0%)
- Yellow (18%)
- Black (0%)





- Cyan (42%)
- Magenta (0%)
- Yellow (18%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 93, 43.394, 163.578 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, 43.394, 163.578 by changing the saturation by 10% instead.


 93, 43.394,
163.578


 93, 43.394,
163.578


 100, 43.394,
163.578


 83, 43.394,
163.578

 73, 43.394,
163.578

 63, 43.394,
163.578

 53, 43.394,
163.578

 43, 43.394,
163.578

 33, 43.394,
163.578

 23, 43.394,

163.578

■ 13, 43.394,
163.578

■ 3, 43.394, 163.578

■ 93, 43.394,
163.578

■ 93, 43.394,
163.578

■ 92, 51.846,
162.510

■ 94, 33.295,
165.144

■ 91, 60.006,
160.939

■ 96, 23.254,
166.260

■ 90, 67.231,
159.167

■ 98, 12.935,
167.281

■ 89, 73.449,
157.178

■ 99, 2.486, 168.365

100, 0.012,

■ 89, 78.683,
154.977

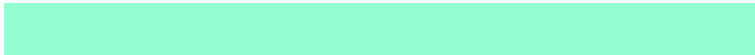
296.813

■ 89, 82.150,
153.214

Harmonies

Complementary

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



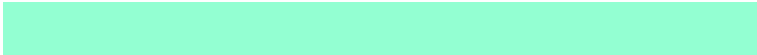
93, 43.394, 163.578



73, 46.313, 353.189

Rectangle

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



93, 43.394, 163.578



93, 43.394, 213.578



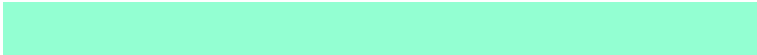
93, 43.394, 343.578



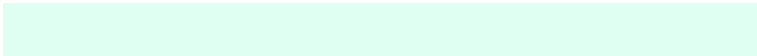
93, 43.394, 33.578

Sweetspot

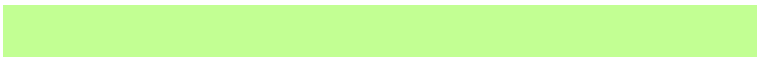
The Sweet Spot groups the original color and five complimentary colors.



93, 42.885, 163.903



97, 13.578, 167.220



94, 58.829, 129.375



52, 9.493, 167.000



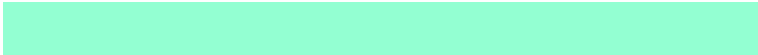
0, 0.000, 0.000



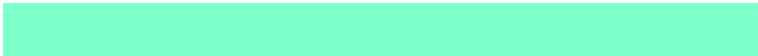
53, 0.007, 296.813

Same Dimension

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



93, 42.885, 163.903



92, 50.652, 162.713



92, 30.486, 204.645



52, 5.943, 167.565



68, 65.622, 153.649



23, 28.462, 156.865

Inverse Universe

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



73, 46.313, 353.189



69, 55.349, 354.646



74, 41.927, 28.430



50, 6.051, 349.174



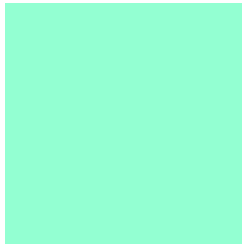
41, 68.147, 10.126



10, 31.343, 3.325

Previews

White Background



This preview shows how the CIE LCh color 93, 43.394, 163.578 looks on a white background.

Color Contrast Check

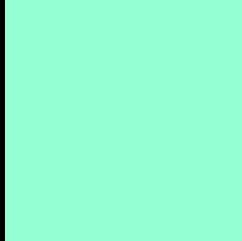
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 93, 43.394, 163.578 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

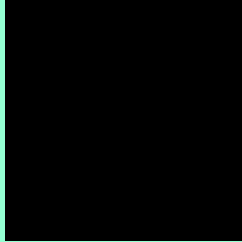
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 93, 43.394, 163.578

Background



This preview shows how black text looks on a background with the CIELCh color 93, 43.394, 163.578.

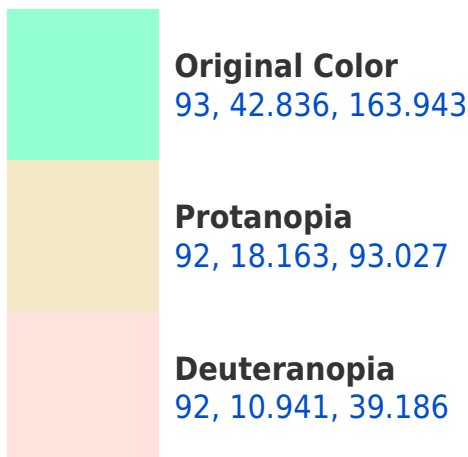


This preview shows how white text looks on a background with the CIELCh color 93, 43.394, 163.578.

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



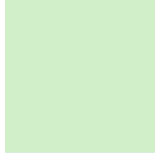


Tritanopia
93, 17.374, 221.353

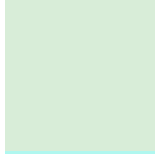
Trichromacy



Original Color
93, 42.836, 163.943



Protanomaly
92, 22.675, 138.509



Deuteranomaly
92, 13.276, 143.941

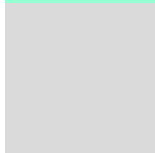


Tritanomaly
93, 23.761, 187.814

Monochromacy



Original Color
93, 42.836, 163.943



Achromatopsia
87, 0.010, 296.813



Achromatomaly
89, 16.167, 167.260

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 43.394, 163.578 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(147, 255, 210)` looks like.

```
.text, #text, p{  
    color:rgb(147, 255, 210)  
}
```

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(147, 255, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 255, 210) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 43.394, 163.578 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(147, 255, 210) }
```

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

```
.border{ border-color:rgb(147, 255, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 255, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(147, 255, 210); -webkit-box-shadow:4px 4px 4px 4px rgb(147, 255, 210); box-shadow:4px 4px 4px 4px rgb(147, 255, 210) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 43.394, 163.578 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 255, 210) }
```

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

```
.background{ background-color: rgb(147,  
255, 210) }
```

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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