

Converting Colors

CIELCh(93, 39.763, 168.285)

Have a look what the booklet for
CIELCh(93, 39.763, 168.285)
contains.

CIELCh(93, 39.833, 168.248)	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, 39.833, 168.248)

Conversions

Conversions Part 1

Format	Color
Hex	95FFDA
RGB	149, 255, 218
RGB Percent	58%, 100%, 85%
CMY	0.4157, 0.0000, 0.1451
CMYK	0.42, 0.00, 0.15, 0.00
HSL	159°, 100%, 79%
HSV	159°, 42%, 100%
XYZ	60.8058, 82.9670, 79.1352
YIQ	219.0880, -51.2990, -33.9790

Conversions

Conversions Part 2

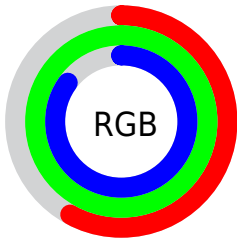
Format	Color
RYB	149, 213, 255
Decimal	9830362
CIELab	93.00, -39.00, 8.11
CIELCh	93, 39.833, 168.248
Yxy	82.9670, 0.2728, 0.3722
Android (android.graphics.Color)	4288020442 (0xFF95FFDA)
YUV	219.0880, -0.5364, -61.4672
Hunter-Lab	91.0862, -40.2410, 12.2496

Details

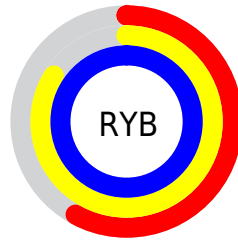
The CIELCh color **93, 39.833, 168.248** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **74, 44.162, 357.674**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 15.940, 198.446**, and **73, 39.920, 167.983** is the 20% darker color. If you saturate the color by 10%, you get **92, 48.175, 166.885**, and if you desaturate by 10%, it is **94, 30.836, 169.472**.

Distribution



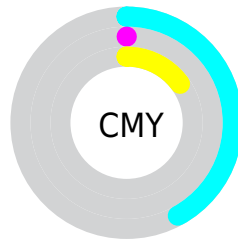
- Red (58%)
- Green (100%)
- Blue (85%)



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



- Cyan (42%)
- Magenta (0%)
- Yellow (15%)
- Black (0%)




- Cyan (42%)
- Magenta (0%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 93, 39.833, 168.248 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, 39.833, 168.248 by changing the saturation by 10% instead.


 93, 39.833,
168.248


 93, 39.833,
168.248

 100, 39.833,
168.248


 83, 39.833,
168.248

 73, 39.833,
168.248

 63, 39.833,
168.248

 53, 39.833,
168.248

 43, 39.833,
168.248

 33, 39.833,
168.248

 23, 39.833,

168.248

■ 13, 39.833,
168.248

■ 3, 39.833, 168.248

■ 93, 39.833,
168.248

■ 93, 39.833,
168.248

■ 92, 48.175,
166.885

■ 94, 30.836,
169.472

■ 91, 55.697,
165.361

■ 96, 21.351,
170.587

■ 90, 62.276,
163.649

■ 98, 11.546,
171.622

■ 90, 67.848,
161.730

■ 100, 1.567,
172.861

■ 89, 72.439,
159.599

100, 0.012,
298.401

■ 89, 75.707,
157.689

Harmonies

Complementary

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



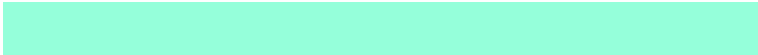
93, 39.833, 168.248



74, 44.162, 357.674

Rectangle

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



93, 39.833, 168.248



93, 39.833, 218.248



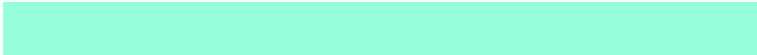
93, 39.833, 348.248



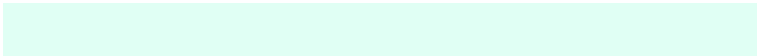
93, 39.833, 38.248

Sweetspot

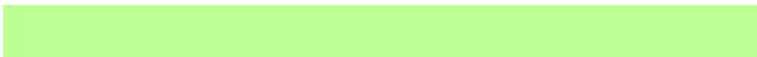
The Sweet Spot groups the original color and five complimentary colors.



93, 39.834, 168.247



98, 11.973, 171.578



94, 59.153, 132.113



52, 7.935, 171.445



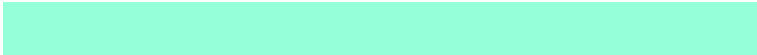
0, 0.000, 0.000



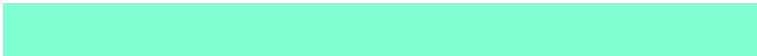
53, 0.007, 296.813

Same Dimension

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



93, 39.834, 168.247



92, 46.917, 167.109



90, 28.098, 215.057



52, 5.680, 171.831



69, 60.529, 158.115



23, 26.434, 161.238

Inverse Universe

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



74, 44.162, 357.674



69, 53.014, 359.221



76, 38.480, 35.033



50, 5.814, 353.493



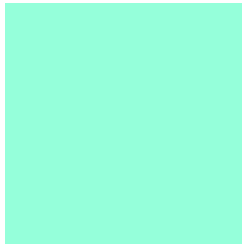
40, 69.252, 16.710



10, 31.311, 9.069

Previews

White Background



This preview shows how the CIE LCh color 93, 39.833, 168.248 looks on a white background.

Color Contrast Check

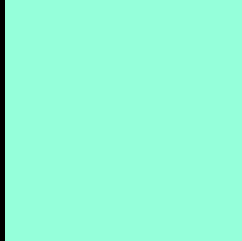
Large Text (above 18pt) WCAG AA × Fail

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, 39.833, 168.248 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

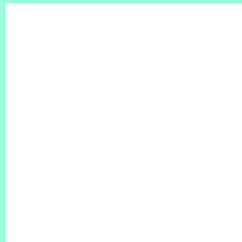
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 39.833, 168.248

Background



This preview shows how black text looks on a background with the CIELCh color 93, 39.833, 168.248.

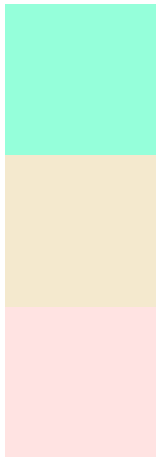


This preview shows how white text looks on a background with the CIELCh color 93, 39.833, 168.248.

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, 39.833, 168.248

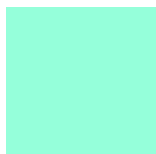
Protanopia
93, 14.471, 92.538

Deuteranopia
92, 10.236, 22.930

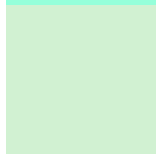


Tritanopia
93, 16.819, 222.181

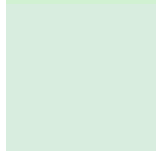
Trichromacy



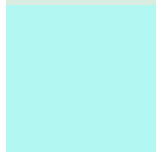
Original Color
93, 39.833, 168.248



Protanomaly
92, 19.795, 144.479



Deuteranomaly
92, 10.460, 155.060



Tritanomaly
93, 22.782, 191.411

Monochromacy



Original Color
93, 39.833, 168.248



Achromatopsia
87, 0.010, 296.813



Achromatomaly
89, 15.022, 171.597

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 39.833, 168.248 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(149, 255, 218)` looks like.

```
.text, #text, p{  
    color:rgb(149, 255, 218)  
}
```

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(149, 255, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 255, 218) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 39.833, 168.248 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(149, 255, 218) }
```

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

```
.border{ border-color:rgb(149, 255, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 255, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 255, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 255, 218);  
box-shadow:4px 4px 4px 4px rgb(149, 255,  
218) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 39.833, 168.248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 255, 218) }
```

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

```
.background{ background-color: rgb(149,  
255, 218) }
```

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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