

Converting Colors

CIELCh(93, 37.481, 168.083)

Have a look what the booklet for
CIELCh(93, 37.481, 168.083)
contains.

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Color

CIELCh(93, 37.328, 168.103)

Conversions

Conversions Part 1

Format	Color
Hex	9CFEDB
RGB	156, 254, 219
RGB Percent	61%, 100%, 86%
CMY	0.3887, 0.0044, 0.1416
CMYK	0.39, 0.00, 0.14, 0.00
HSL	159°, 98%, 80%
HSV	159°, 39%, 100%
XYZ	61.8584, 82.9670, 79.6880
YIQ	220.7080, -47.1730, -31.6610

Conversions

Conversions Part 2

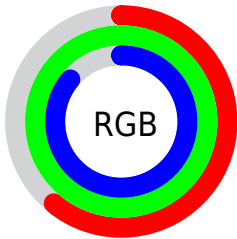
Format	Color
RYB	156, 216, 254
Decimal	10288859
CIELab	93.00, -36.53, 7.70
CIELCh	93, 37.328, 168.103
Yxy	82.9670, 0.2755, 0.3695
Android (android.graphics.Color)	4288478939 (0xFF9CFEDB)
YUV	220.7080, -0.8420, -56.7489
Hunter-Lab	91.0862, -38.1782, 11.8897

Details

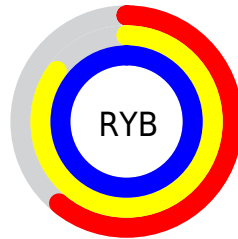
The CIELCh color **93, 37.328, 168.103** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **75, 40.954, 356.633**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 13.731, 198.590**, and **73, 37.341, 167.908** is the 20% darker color. If you saturate the color by 10%, you get **92, 45.930, 166.780**, and if you desaturate by 10%, it is **94, 28.130, 169.293**.

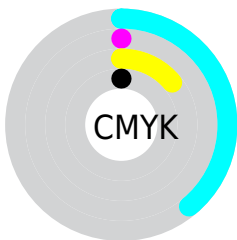
Distribution



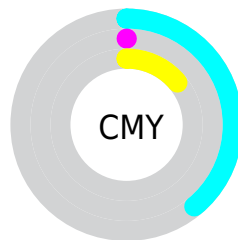
- Red (61%)
- Green (100%)
- Blue (86%)



- Red (61%)
- Yellow (85%)
- Blue (100%)



- Cyan (39%)
- Magenta (0%)
- Yellow (14%)
- Black (0%)





- Cyan (39%)
- Magenta (0%)
- Yellow (14%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 93, 37.328, 168.103 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, 37.328, 168.103 by changing the saturation by 10% instead.


 93, 37.328,
168.103


 93, 37.328,
168.103


 100, 37.328,
168.103


 83, 37.328,
168.103

 73, 37.328,
168.103

 63, 37.328,
168.103

 53, 37.328,
168.103

 43, 37.328,
168.103

 33, 37.328,
168.103

 23, 37.328,

168.103

■ 13, 37.328,
168.103

■ 3, 37.328, 168.103

■ 93, 37.328,
168.103

■ 93, 37.328,
168.103

■ 92, 45.930,
166.780

■ 94, 28.130,
169.293

■ 91, 53.766,
165.303

■ 96, 18.503,
170.380

■ 90, 60.696,
163.643

■ 98, 8.609, 171.400

■ 89, 66.636,
161.779

100, 0.706,
324.028

■ 89, 71.580,
159.702

■ 89, 75.657,
157.442

■ 89, 76.199,
157.129

Harmonies

Complementary

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



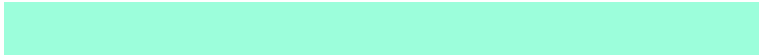
93, 37.328, 168.103



75, 40.954, 356.633

Rectangle

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



93, 37.328, 168.103



93, 37.328, 218.103



93, 37.328, 348.103



93, 37.328, 38.103

Sweetspot

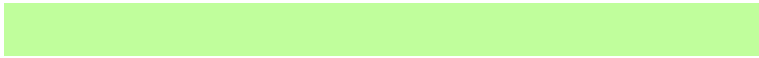
The Sweet Spot groups the original color and five complimentary colors.



93, 37.329, 168.102



98, 12.036, 171.055



94, 54.585, 131.744



52, 7.978, 170.923



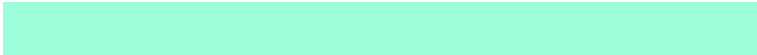
0, 0.000, 0.000



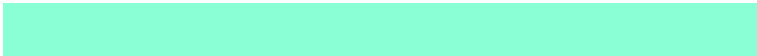
53, 0.007, 296.813

Same Dimension

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



93, 37.329, 168.102



92, 43.916, 167.136



90, 26.666, 212.707



52, 5.710, 171.308



69, 61.125, 157.551



23, 26.670, 160.689

Inverse Universe

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



75, 40.954, 356.633



71, 48.998, 357.887



77, 35.597, 33.382



50, 5.840, 352.965



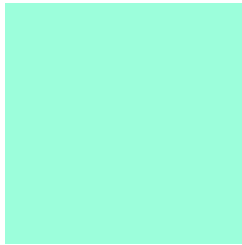
40, 69.067, 15.944



10, 31.298, 8.418

Previews

White Background



This preview shows how the CIE LCh color 93, 37.328, 168.103 looks on a white background.

Color Contrast Check

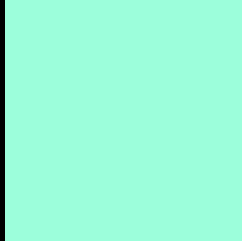
Large Text (above 18pt) WCAG AA × Fail

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, 37.328, 168.103 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

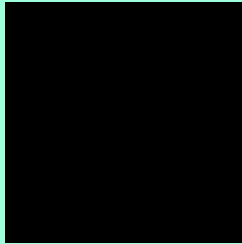
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

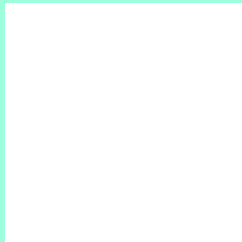
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 37.328, 168.103

Background



This preview shows how black text looks on a background with the CIELCh color 93, 37.328, 168.103.

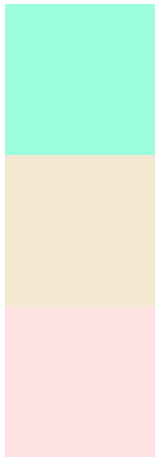


This preview shows how white text looks on a background with the CIELCh color 93, 37.328, 168.103.

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, 37.328, 168.103

Protanopia
93, 13.484, 91.429

Deuteranopia
92, 10.236, 22.930

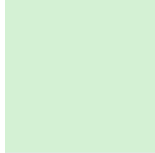


Tritanopia
93, 16.264, 223.069

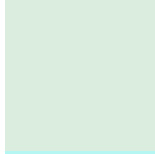
Trichromacy



Original Color
93, 37.328, 168.103



Protanomaly
92, 18.313, 143.728



Deuteranomaly
92, 9.721, 150.855

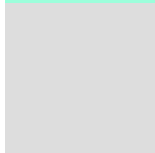


Tritanomaly
93, 21.505, 192.493

Monochromacy



Original Color
93, 37.328, 168.103



Achromatopsia
88, 0.010, 296.813



Achromatomaly
90, 14.412, 170.456

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 37.328, 168.103 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, 219)` looks like.

```
.text, #text, p{  
    color:rgb(156, 254, 219)  
}
```

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, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 254, 219) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 37.328, 168.103 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, 219) }
```

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

```
.border{ border-color:rgb(156, 254, 219) }
```

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, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 254, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 254, 219);  
box-shadow:4px 4px 4px 4px rgb(156, 254,  
219) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 37.328, 168.103 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, 219) }
```

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

```
.background{ background-color: rgb(156,  
254, 219) }
```

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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