

Converting Colors

CIELCh(94, 59.729, 138.832)

Have a look what the booklet for
CIELCh(94, 59.729, 138.832)
contains.

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Color

CIELCh(93, 57.558, 138.665)

Conversions

Conversions Part 1

Format	Color
Hex	ABFF9F
RGB	171, 255, 159
RGB Percent	67%, 100%, 62%
CMY	0.3280, 0.0000, 0.3751
CMYK	0.33, 0.00, 0.38, 0.00
HSL	112°, 100%, 81%
HSV	112°, 38%, 100%
XYZ	59.0364, 82.9670, 45.8581
YIQ	218.9400, -19.2480, -47.6640

Conversions

Conversions Part 2

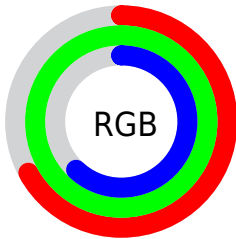
Format	Color
RYB	159, 255, 243
Decimal	11272095
CIELab	93.00, -43.22, 38.01
CIElCh	93, 57.558, 138.665
Yxy	82.9670, 0.3143, 0.4416
Android (android.graphics.Color)	4289462175 (0xFFABFF9F)
YUV	218.9400, -29.5504, -42.0434
Hunter-Lab	91.0862, -43.7083, 33.9103

Details

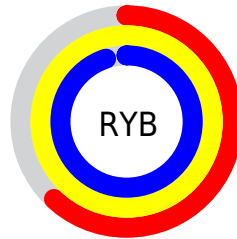
The CIELCh color **93, 57.558, 138.665** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **77, 57.855, 322.746**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 22.462, 133.447**, and **73, 57.867, 138.649** is the 20% darker color. If you saturate the color by 10%, you get **92, 71.899, 137.859**, and if you desaturate by 10%, it is **94, 42.226, 139.398**.

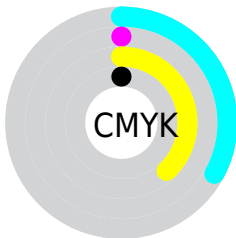
Distribution



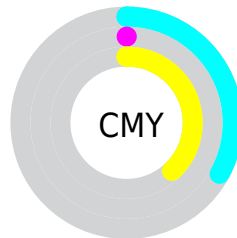
- Red (67%)
- Green (100%)
- Blue (62%)



- Red (62%)
- Yellow (100%)
- Blue (95%)



- Cyan (33%)
- Magenta (0%)
- Yellow (38%)
- Black (0%)





- Cyan (33%)
- Magenta (0%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 93, 57.558, 138.665 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, 57.558, 138.665 by changing the saturation by 10% instead.


 93, 57.558,
138.665


 93, 57.558,
138.665


 100, 57.558,
138.665


 83, 57.558,
138.665

 73, 57.558,
138.665

 63, 57.558,
138.665

 53, 57.558,
138.665

 43, 57.558,
138.665

 33, 57.558,
138.665

 23, 57.558,

138.665

■ 13, 57.558,
138.665

■ 3, 57.558, 138.665

■ 93, 57.558,
138.665

■ 93, 57.558,
138.665

■ 92, 71.899,
137.859

■ 94, 42.226,
139.398

■ 90, 85.460,
137.034

■ 96, 26.852,
140.055

■ 89, 97.490,
136.263

■ 98, 11.460,
140.638

■ 89, 107.340,
135.667

■ 100, 0.012,
296.813

■ 88, 114.369,
135.380

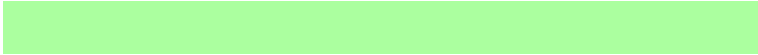
■ 88, 118.279,
135.472

■ 88, 118.934,
135.500

Harmonies

Complementary

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



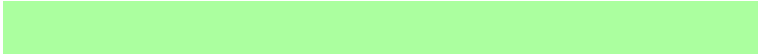
93, 57.558, 138.665



77, 57.855, 322.746

Rectangle

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



93, 57.558, 138.665



93, 57.558, 188.665



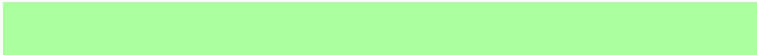
93, 57.558, 318.665



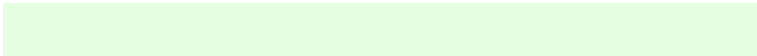
93, 57.558, 8.665

Sweetspot

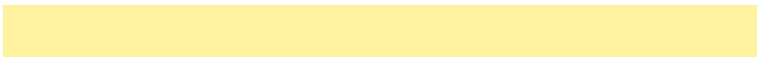
The Sweet Spot groups the original color and five complimentary colors.



93, 57.347, 138.661



98, 16.817, 140.441



95, 42.185, 99.949



52, 11.308, 140.363



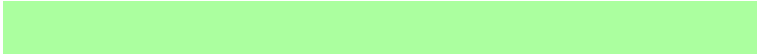
0, 0.000, 0.000



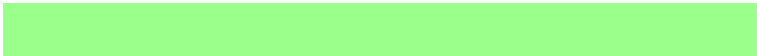
53, 0.007, 296.813

Same Dimension

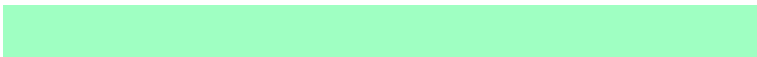
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 57.347, 138.661



92, 68.317, 138.065



93, 45.600, 153.707



52, 8.684, 140.526



68, 95.654, 135.391



23, 42.824, 135.042

Inverse Universe

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



77, 57.855, 322.746



73, 68.934, 323.055



77, 46.502, 340.211



50, 8.718, 321.423



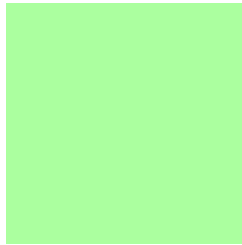
41, 93.959, 323.386



11, 43.156, 323.951

Previews

White Background



This preview shows how the CIE LCh color 93, 57.558, 138.665 looks on a white background.

Color Contrast Check

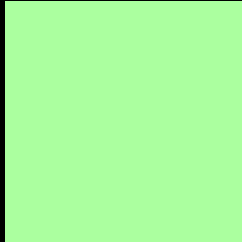
Large Text (above 18pt) WCAG AA × Fail

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, 57.558, 138.665 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, 57.558, 138.665

Background



This preview shows how black text looks on a background with the CIELCh color 93, 57.558, 138.665.

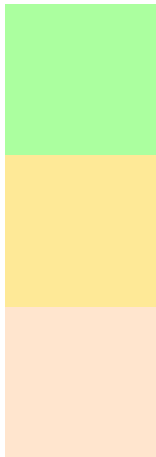


This preview shows how white text looks on a background with the CIELCh color 93, 57.558, 138.665.

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, 57.558, 138.665

Protanopia
92, 42.591, 95.305

Deuteranopia
92, 15.406, 69.711

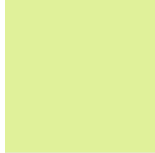


Tritanopia
93, 14.515, 231.163

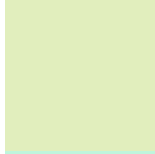
Trichromacy



Original Color
93, 57.558, 138.665



Protanomaly
92, 44.449, 115.314



Deuteranomaly
92, 25.579, 119.226

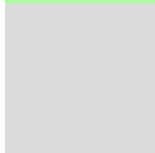


Tritanomaly
92, 22.945, 163.684

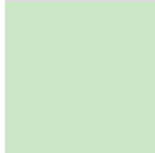
Monochromacy



Original Color
93, 57.558, 138.665



Achromatopsia
87, 0.010, 296.813



Achromatomaly
89, 21.288, 139.727

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 57.558, 138.665 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(171, 255, 159)` looks like.

```
.text, #text, p{  
    color:rgb(171, 255, 159)  
}
```

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(171, 255, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 255, 159) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 57.558, 138.665 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(171, 255, 159) }
```

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

```
.border{ border-color:rgb(171, 255, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 255, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 255, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 255, 159);  
box-shadow:4px 4px 4px 4px rgb(171, 255,  
159) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 57.558, 138.665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 255, 159) }
```

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

```
.background{ background-color: rgb(171,  
255, 159) }
```

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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