Converting Colors

CIELCh(100, 68.417, 141.316)

Have a look what the booklet for CIELCh(100, 68.417, 141.316) contains.

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Color

CIELCh(93, 54.366, 141.939)

Conversions

Conversions Part 1

Format	Color
Hex	A8FFA8
RGB	168, 255, 168
RGB Percent	66%, 100%, 66%
CMY	0.3397, 0.0000, 0.3398
CMYK	0.34, 0.00, 0.34, 0.00
HSL	120°, 100%, 83%
HSV	120°, 34%, 100%
XYZ	59.2079, 82.9670, 50.1110
YIQ	219.0690, -23.9250, -45.5010

Conversions

Conversions Part 2

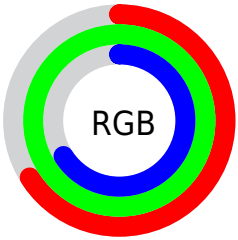
Format	Color
RYB	168, 255, 255
Decimal	11075496
CIELab	93.00, -42.81, 33.52
CIELCh	93, 54.366, 141.939
Yxy	82.9670, 0.3079, 0.4315
Android (android.graphics.Color)	4289265576 (0xFFA8FFA8)
YUV	219.0690, -25.1770, -44.7875
Hunter-Lab	91.0862, -43.3722, 31.1420

Details

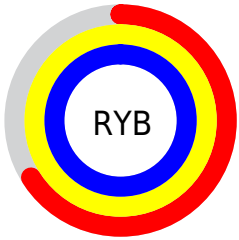
The CIELCh color 93, 54.366, 141.939 is a light color, and the websafe version is hex 99FF99. A complement of this color would be 80, 54.103, 326.285, and the grayscale version is 88, 0.010, 296.813.

A 20% lighter version of the original color is 97, 19.166, 142.888, and 73, 54.627, 141.979 is the 20% darker color. If you saturate the color by 10%, you get 91, 69.386, 140.947, and if you desaturate by 10%, it is 95, 38.331, 142.828.

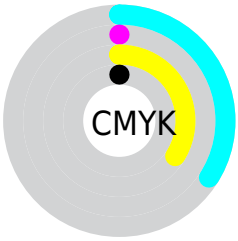
Distribution



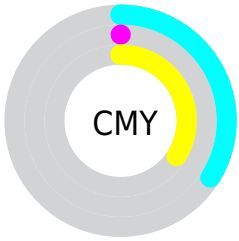
- Red (66%)
- Green (100%)
- Blue (66%)



- Red (66%)
- Yellow (100%)
- Blue (100%)



- Cyan (34%)
- Magenta (0%)
- Yellow (34%)
- Black (0%)



- Cyan (34%)
- Magenta (0%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 54.366, 141.939 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, 54.366, 141.939 by changing the saturation by 10% instead.

93, 54.366, 141.939

100, 54.366, 141.939

93, 54.366, 141.939

83, 54.366, 141.939

73, 54.366, 141.939

63, 54.366, 141.939

53, 54.366, 141.939

43, 54.366, 141.939

33, 54.366, 141.939

23, 54.366,

141.939

13, 54.366, 141.939

3, 54.366, 141.939

93, 54.366, 141.939

93, 54.366, 141.939

91, 69.386, 140.947

95, 38.331, 142.828

90, 83.600, 139.841

97, 22.293, 143.587

89, 96.235, 138.691

99, 6.298, 144.261

88, 106.653, 137.601

100, 0.012, 296.813

88, 114.207, 136.719

88, 118.491, 136.182

88, 119.778, 136.016

Harmonies

Complementary

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

93, 54.366, 141.939

80, 54.103, 326.285

Rectangle

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

93, 54.366, 141.939

93, 54.366, 191.939

93, 54.366, 321.939

93, 54.366, 11.939

Sweetspot

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

93, 54.147, 141.949

98, 15.911, 143.859

98, 42.674, 106.146

52, 10.865, 143.765

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, 54.147, 141.949

92, 64.932, 141.257

94, 37.744, 159.521

52, 9.043, 143.892

68, 96.474, 136.015

22, 43.824, 136.774

Inverse Universe

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

80, 54.103, 326.285

76, 64.777, 326.639

79, 39.213, 345.984

50, 9.056, 324.943

45, 93.083, 328.226

12, 42.823, 328.227

Previews

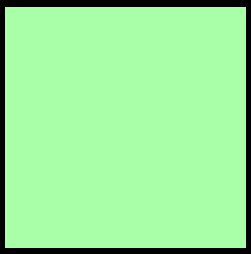
White Background

This preview shows how the CIELCh color 93, 54.366, 141.939 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



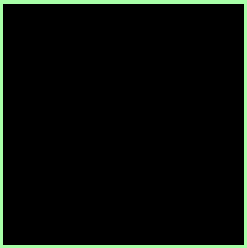
This preview shows how the CIELCh color 93, 54.366, 141.939 looks on a black background.

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, 54.366, 141.939 Background



This preview shows how black text looks on a background with the CIELCh color 93, 54.366, 141.939.

This preview shows how white text looks on a background with the CIELCh color 93, 54.366, 141.939.

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, 54.366, 141.939

Protanopia
92, 38.606, 95.150

Deuteranopia
92, 15.001, 68.540

Tritanopia
93, 14.815, 228.040

Trichromacy

Original Color
93, 54.366, 141.939

Protanomaly
92, 40.724, 117.438

Deuteranomaly
92, 23.766, 122.008

Tritanomaly
93, 23.132, 167.004

Monochromacy

Original Color
93, 54.366, 141.939

Achromatopsia
87, 0.010, 296.813

Achromatomaly
89, 19.731, 143.639

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 54.366, 141.939 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(168, 255, 168) looks like.

```
.text, #text, p{
    color:rgb(168, 255, 168)
}
```

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(168, 255, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 255, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 54.366, 141.939 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(168, 255, 168) }
```

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

```
.border{ border-color:rgb(168, 255, 168) }
```

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

Here you see how a box with a 4 pixel rgb(168, 255, 168) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(168, 255, 168); -webkit-box-shadow:4px 4px 4px 4px rgb(168, 255, 168); box-shadow:4px 4px 4px 4px rgb(168, 255, 168) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 54.366, 141.939 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(168, 255, 168) }
```

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

```
.background{ background-color:rgb(168,
255, 168) }
```

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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