

Converting Colors

CIELCh(93, 49.707, 142.665)

Have a look what the booklet for
CIELCh(93, 49.707, 142.665)
contains.

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Color

CIELCh(93, 49.683, 142.509)

Conversions

Conversions Part 1

Format	Color
Hex	AEFEAF
RGB	174, 254, 175
RGB Percent	68%, 100%, 69%
CMY	0.3177, 0.0040, 0.3138
CMYK	0.31, 0.00, 0.31, 0.00
HSL	121°, 98%, 84%
HSV	121°, 31%, 100%
XYZ	60.6269, 82.9670, 53.3704
YIQ	221.0740, -22.3210, -41.5290

Conversions

Conversions Part 2

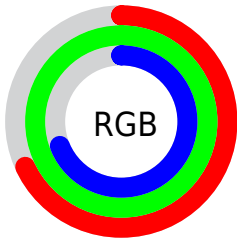
Format	Color
RYB	174, 253, 254
Decimal	11468463
CIELab	93.00, -39.42, 30.24
CIELCh	93, 49.683, 142.509
Yxy	82.9670, 0.3078, 0.4212
Android (android.graphics.Color)	4289658543 (0xFFAEFEAF)
YUV	221.0740, -22.7145, -41.2839
Hunter-Lab	91.0862, -40.5915, 29.0204

Details

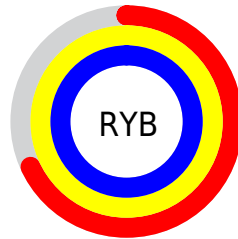
The CIELCh color **93, 49.683, 142.509** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **81, 49.665, 326.507**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 14.970, 143.902**, and **73, 49.676, 142.471** is the 20% darker color. If you saturate the color by 10%, you get **91, 64.940, 141.531**, and if you desaturate by 10%, it is **95, 33.964, 143.361**.

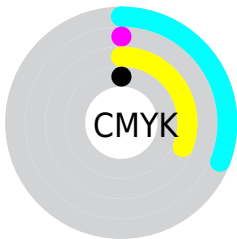
Distribution



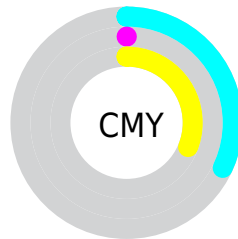
- Red (68%)
- Green (100%)
- Blue (69%)



- Red (68%)
- Yellow (99%)
- Blue (100%)



- Cyan (31%)
- Magenta (0%)
- Yellow (31%)
- Black (0%)




- Cyan (32%)
- Magenta (0%)
- Yellow (31%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 49.683, 142.509 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, 49.683, 142.509 by changing the saturation by 10% instead.

 93, 49.683,
142.509


 93, 49.683,
142.509

 100, 49.683,
142.509


 83, 49.683,
142.509

 73, 49.683,
142.509

 63, 49.683,
142.509


 53, 49.683,
142.509

 43, 49.683,
142.509


 33, 49.683,
142.509

 23, 49.683,


142.509


 13, 49.683,
142.509


 3, 49.683, 142.509


 93, 49.683,
142.509


 93, 49.683,
142.509

 91, 64.940,
141.531


 95, 33.964,
143.361

 90, 79.318,
140.438

 97, 18.100,
144.094

 89, 92.314,
139.271

 99, 2.333, 144.826

 88, 103.334,
138.116

100, 0.635,
323.977

■ 88, 111.748,
137.107

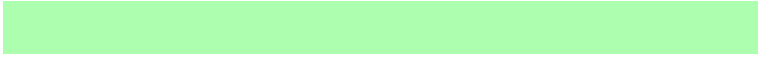
■ 88, 117.056,
136.392

■ 87, 119.220,
136.084

Harmonies

Complementary

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



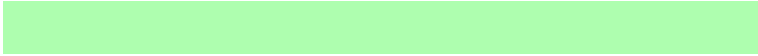
93, 49.683, 142.509



81, 49.665, 326.507

Rectangle

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



93, 49.683, 142.509



93, 49.683, 192.509



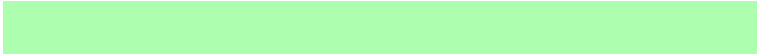
93, 49.683, 322.509



93, 49.683, 12.509

Sweetspot

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



93, 49.685, 142.509



98, 14.189, 144.262



98, 40.125, 107.106



52, 9.870, 144.165



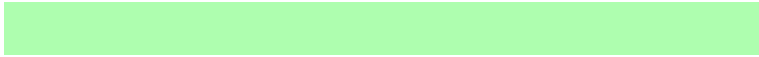
0, 0.000, 0.000



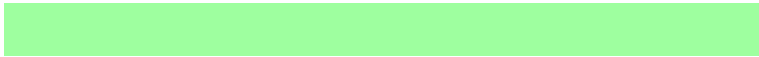
53, 0.007, 296.813

Same Dimension

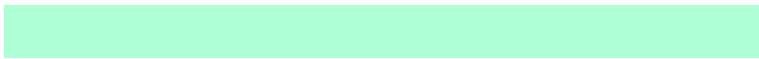
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 49.685, 142.509



92, 59.871, 141.887



94, 34.499, 160.663



52, 8.967, 144.229



68, 96.245, 136.114



22, 43.548, 137.010

Inverse Universe

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



81, 49.665, 326.507



78, 59.771, 326.847



80, 35.871, 346.647



50, 8.980, 325.283



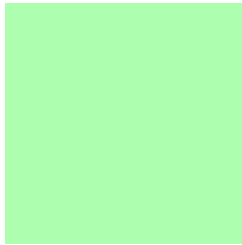
45, 92.172, 328.737



12, 42.454, 328.676

Previews

White Background



This preview shows how the CIE LCh color 93, 49.683, 142.509 looks on a white background.

Color Contrast Check

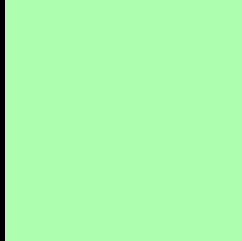
Large Text (above 18pt) WCAG AA × Fail

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, 49.683, 142.509 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, 49.683, 142.509

Background



This preview shows how black text looks on a background with the CIELCh color 93, 49.683, 142.509.

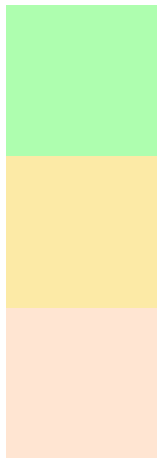


This preview shows how white text looks on a background with the CIELCh color 93, 49.683, 142.509.

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, 49.683, 142.509

Protanopia
93, 35.458, 95.756

Deuteranopia
93, 13.830, 64.608

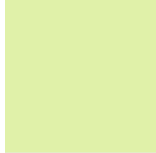


Tritanopia
93, 14.276, 229.291

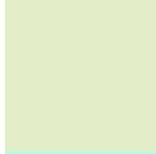
Trichromacy



Original Color
93, 49.683, 142.509



Protanomaly
92, 37.168, 117.442

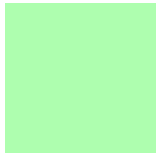


Deuteranomaly
92, 21.513, 120.519

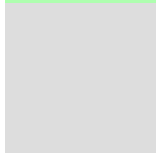


Tritanomaly
93, 21.418, 169.183

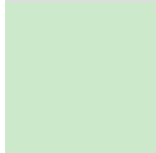
Monochromacy



Original Color
93, 49.683, 142.509



Achromatopsia
88, 0.010, 296.813



Achromatomaly
90, 18.434, 143.701

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 49.683, 142.509 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(174, 254, 175)` looks like.

```
.text, #text, p{  
    color:rgb(174, 254, 175)  
}
```

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(174, 254, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 254, 175) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 49.683, 142.509 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(174, 254, 175) }
```

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

```
.border{ border-color:rgb(174, 254, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 254, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 254, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 254, 175);  
box-shadow:4px 4px 4px 4px rgb(174, 254,  
175) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 49.683, 142.509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 254, 175) }
```

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

```
.background{ background-color: rgb(174,  
254, 175) }
```

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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