

Converting Colors

CIELCh(93, 63.491, 135.286)

Have a look what the booklet for
CIELCh(93, 63.491, 135.286)
contains.

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Color

CIElCh(93, 62.847, 135.318)

Conversions

Conversions Part 1

Format	Color
Hex	ADFF93
RGB	173, 255, 147
RGB Percent	68%, 100%, 58%
CMY	0.3225, 0.0000, 0.4247
CMYK	0.32, 0.00, 0.42, 0.00
HSL	106°, 100%, 79%
HSV	106°, 42%, 100%
XYZ	58.4293, 82.9670, 40.4196
YIQ	218.1700, -14.2040, -50.9720

Conversions

Conversions Part 2

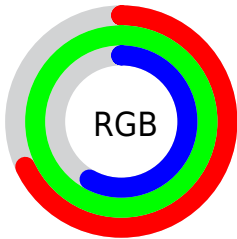
Format	Color
RYB	147, 255, 229
Decimal	11403155
CIELab	93.00, -44.69, 44.19
CIELCh	93, 62.847, 135.318
Yxy	82.9670, 0.3214, 0.4563
Android (android.graphics.Color)	4289593235 (0xFFADFF93)
YUV	218.1700, -35.0868, -39.6141
Hunter-Lab	91.0862, -44.8981, 37.4504

Details

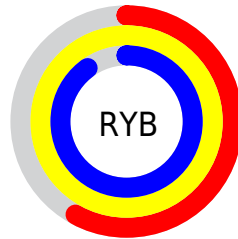
The CIELCh color **93, 62.847, 135.318** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **73, 63.881, 319.416**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 28.301, 126.411**, and **73, 62.526, 135.203** is the 20% darker color. If you saturate the color by 10%, you get **92, 76.169, 134.656**, and if you desaturate by 10%, it is **94, 48.006, 135.907**.

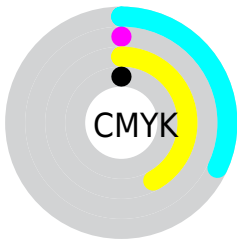
Distribution



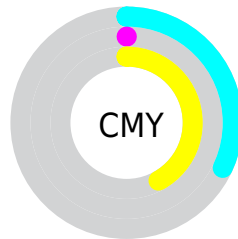
- Red (68%)
- Green (100%)
- Blue (58%)



- Red (58%)
- Yellow (100%)
- Blue (90%)



- Cyan (32%)
- Magenta (0%)
- Yellow (42%)
- Black (0%)





- Cyan (32%)
- Magenta (0%)
- Yellow (42%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 93, 62.847, 135.318 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, 62.847, 135.318 by changing the saturation by 10% instead.


 93, 62.847,
135.318


 93, 62.847,
135.318


 100, 62.847,
135.318


 83, 62.847,
135.318

 73, 62.847,
135.318

 63, 62.847,
135.318

 53, 62.847,
135.318

 43, 62.847,
135.318

 33, 62.847,
135.318

 23, 62.847,

135.318

■ 13, 62.847,
135.318

■ 3, 62.847, 135.318

■ 93, 62.847,
135.318

■ 93, 62.847,
135.318

■ 92, 76.169,
134.656

■ 94, 48.006,
135.907

■ 91, 88.837,
134.091

■ 96, 33.260,
136.493

■ 90, 99.854,
133.690

■ 98, 18.407,
137.027

■ 89, 108.568,
133.584

■ 99, 3.613, 137.547

100, 0.012,

■ 88, 114.440,
133.887

296.813

■ 88, 117.110,
134.331

Harmonies

Complementary

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



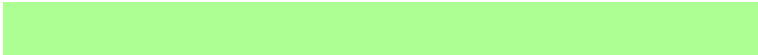
93, 62.847, 135.318



73, 63.881, 319.416

Rectangle

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



93, 62.847, 135.318



93, 62.847, 185.318



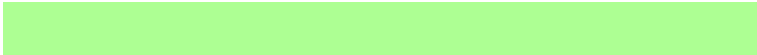
93, 62.847, 315.318



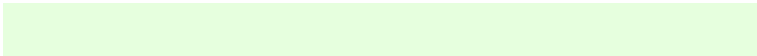
93, 62.847, 5.318

Sweetspot

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



93, 62.414, 135.283



97, 19.201, 136.999



91, 42.983, 91.908



52, 13.447, 136.885



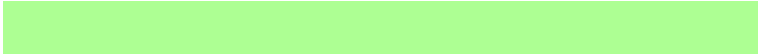
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

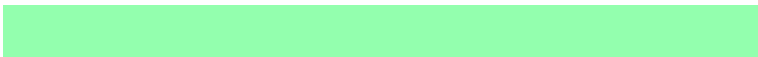
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 62.414, 135.283



92, 74.209, 134.746



92, 56.264, 148.610



52, 8.383, 137.176



68, 94.104, 134.148



23, 41.896, 133.270

Inverse Universe

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



73, 63.881, 319.416



68, 76.181, 319.718



75, 56.573, 335.366



50, 8.439, 317.982



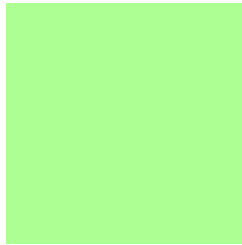
38, 95.462, 319.292



9, 43.717, 320.284

Previews

White Background



This preview shows how the CIE LCh color 93, 62.847, 135.318 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, 62.847, 135.318 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, 62.847, 135.318

Background



This preview shows how black text looks on a background with the CIELCh color 93, 62.847, 135.318.

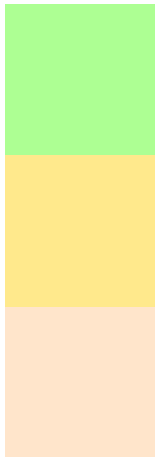


This preview shows how white text looks on a background with the CIELCh color 93, 62.847, 135.318.

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](#).

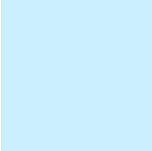
Dichromacy



Original Color
93, 62.250, 135.282

Protanopia
92, 47.967, 95.553

Deuteranopia
92, 16.658, 72.862

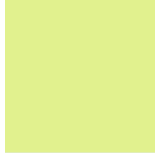


Tritanopia
93, 14.515, 231.163

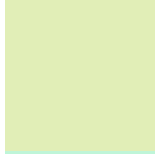
Trichromacy



Original Color
93, 62.250, 135.282



Protanomaly
92, 50.117, 113.506



Deuteranomaly
92, 28.565, 117.895

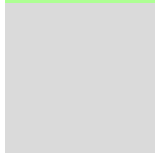


Tritanomaly
92, 24.276, 159.794

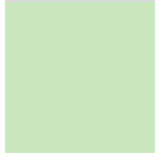
Monochromacy



Original Color
93, 62.250, 135.282



Achromatopsia
87, 0.010, 296.813



Achromatomaly
89, 22.936, 136.322

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 62.847, 135.318 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(173, 255, 147)` looks like.

```
.text, #text, p{  
    color:rgb(173, 255, 147)  
}
```

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(173, 255, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 255, 147) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 62.847, 135.318 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(173, 255, 147) }
```

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

```
.border{ border-color:rgb(173, 255, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 255, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 255, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 255, 147);  
box-shadow:4px 4px 4px 4px rgb(173, 255,  
147) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 62.847, 135.318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 255, 147) }
```

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

```
.background{ background-color: rgb(173,  
255, 147) }
```

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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