

Converting Colors

CIELCh(93, 60.601, 137.888)

Have a look what the booklet for
CIELCh(93, 60.601, 137.888)
contains.

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Color

CIELCh(93, 60.028, 137.921)

Conversions

Conversions Part 1

Format	Color
Hex	AAFF9B
RGB	170, 255, 155
RGB Percent	67%, 100%, 61%
CMY	0.3339, 0.0000, 0.3929
CMYK	0.33, 0.00, 0.39, 0.00
HSL	111°, 100%, 80%
HSV	111°, 39%, 100%
XYZ	58.4835, 82.9670, 43.8569
YIQ	218.1850, -18.5600, -49.1200

Conversions

Conversions Part 2

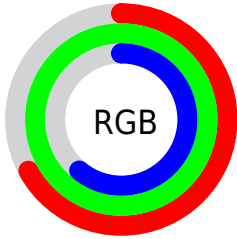
Format	Color
R_{YB}	155, 255, 240
Decimal	11206555
CIE _{Lab}	93.00, -44.55, 40.23
CIE _{LCh}	93, 60.028, 137.921
Yxy	82.9670, 0.3156, 0.4477
Android (android.graphics.Color)	4289396635 (0xFFAAFF9B)
YUV	218.1850, -31.1502, -42.2582
Hunter-Lab	91.0862, -44.7919, 35.2130

Details

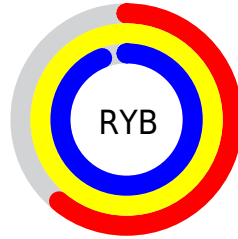
The CIELCh color **93, 60.028, 137.921** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **76, 60.220, 322.077**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 24.932, 131.710**, and **73, 59.737, 137.851** is the 20% darker color. If you saturate the color by 10%, you get **91, 73.861, 137.137**, and if you desaturate by 10%, it is **94, 44.592, 138.622**.

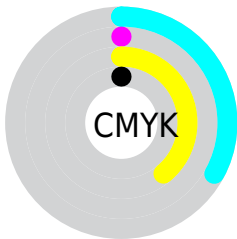
Distribution



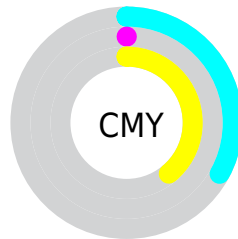
- Red (67%)
- Green (100%)
- Blue (61%)



- Red (61%)
- Yellow (100%)
- Blue (94%)



- Cyan (33%)
- Magenta (0%)
- Yellow (39%)
- Black (0%)





- Cyan (33%)
- Magenta (0%)
- Yellow (39%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 93, 60.028, 137.921 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, 60.028, 137.921 by changing the saturation by 10% instead.


 93, 60.028,
137.921


 93, 60.028,
137.921


 100, 60.028,
137.921


 83, 60.028,
137.921

 73, 60.028,
137.921

 63, 60.028,
137.921

 53, 60.028,
137.921

 43, 60.028,
137.921

 33, 60.028,
137.921

 23, 60.028,

137.921

■ 13, 60.028,
137.921

■ 3, 60.028, 137.921

■ 93, 60.028,
137.921

■ 93, 60.028,
137.921

■ 91, 73.861,
137.137

■ 94, 44.592,
138.622

■ 90, 87.149,
136.369

■ 96, 29.362,
139.269

■ 89, 98.840,
135.686

■ 98, 14.080,
139.844

■ 89, 108.279,
135.214

■ 100, 0.012,
296.813

■ 88, 114.851,
135.082

■ 88, 118.444,
135.303

■ 88, 118.638,
135.315

Harmonies

Complementary

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



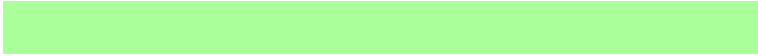
93, 60.028, 137.921



76, 60.220, 322.077

Rectangle

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



93, 60.028, 137.921



93, 60.028, 187.921



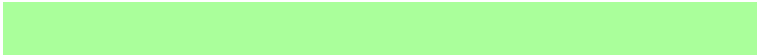
93, 60.028, 317.921



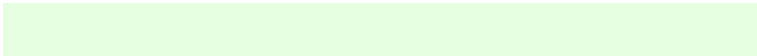
93, 60.028, 7.921

Sweetspot

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



93, 59.533, 137.905



97, 18.215, 139.695



94, 42.822, 97.796



52, 12.090, 139.621



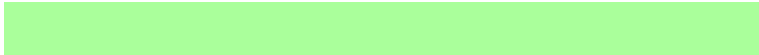
0, 0.000, 0.000



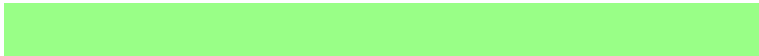
53, 0.007, 296.813

Same Dimension

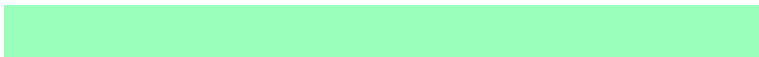
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 59.533, 137.905



92, 70.654, 137.315



93, 48.957, 152.127



52, 8.618, 139.833



68, 95.396, 135.190



23, 42.639, 134.703

Inverse Universe

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



76, 60.220, 322.077



71, 71.508, 322.379



76, 49.705, 338.786



50, 8.656, 320.706



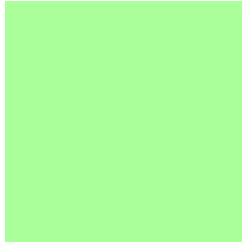
40, 94.227, 322.480



10, 43.257, 323.145

Previews

White Background



This preview shows how the CIE LCh color 93, 60.028, 137.921 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, 60.028, 137.921 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, 60.028, 137.921

Background



This preview shows how black text looks on a background with the CIELCh color 93, 60.028, 137.921.

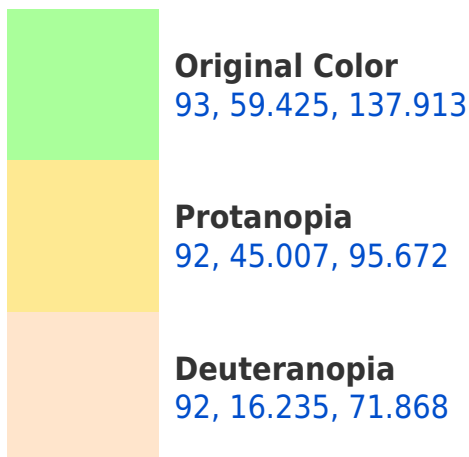


This preview shows how white text looks on a background with the CIELCh color 93, 60.028, 137.921.

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



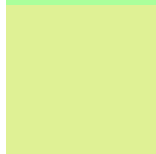


Tritanopia
93, 14.779, 230.504

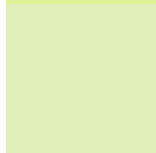
Trichromacy



Original Color
93, 59.425, 137.913



Protanomaly
92, 46.910, 115.186



Deuteranomaly
92, 27.149, 119.304

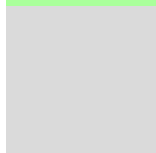


Tritanomaly
92, 23.537, 163.104

Monochromacy



Original Color
93, 59.425, 137.913



Achromatopsia
87, 0.010, 296.813



Achromatomaly
89, 21.945, 139.809

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 60.028, 137.921 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(170, 255, 155)` looks like.

```
.text, #text, p{  
    color:rgb(170, 255, 155)  
}
```

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(170, 255, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 255, 155) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 60.028, 137.921 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(170, 255, 155) }
```

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

```
.border{ border-color:rgb(170, 255, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 255, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 255, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 255, 155);  
box-shadow:4px 4px 4px 4px rgb(170, 255,  
155) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 60.028, 137.921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 255, 155) }
```

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

```
.background{ background-color: rgb(170,  
255, 155) }
```

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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