

Converting Colors

CIELCh(92, 68.263, 136.009)

Have a look what the booklet for
CIELCh(92, 68.263, 136.009)
contains.

CIELCh(92, 68.517, 136.028)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(92, 68.517, 136.028)

Conversions

Conversions Part 1

Format	Color
Hex	A1FF89
RGB	161, 255, 137
RGB Percent	63%, 100%, 54%
CMY	0.3696, 0.0010, 0.4637
CMYK	0.37, 0.00, 0.46, 0.00
HSL	108°, 100%, 77%
HSV	108°, 46%, 100%
XYZ	54.8222, 80.7044, 36.2652
YIQ	213.4420, -18.1460, -56.6260

Conversions

Conversions Part 2

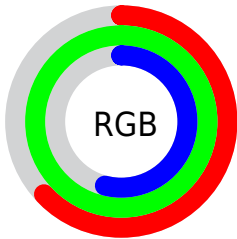
Format	Color
RYB	137, 255, 231
Decimal	10616713
CIELab	92.00, -49.31, 47.57
CIElCh	92, 68.517, 136.028
Yxy	80.7044, 0.3191, 0.4698
Android (android.graphics.Color)	4288806793 (0xFFA1FF89)
YUV	213.4420, -37.6859, -45.9916
Hunter-Lab	89.8356, -48.2827, 38.9506

Details

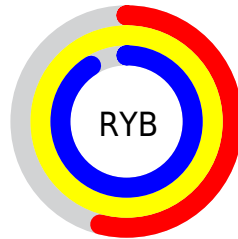
The CIELCh color **92, 68.517, 136.028** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **71, 69.851, 320.714**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 34.635, 130.405**, and **72, 68.828, 135.986** is the 20% darker color. If you saturate the color by 10%, you get **91, 82.015, 135.354**, and if you desaturate by 10%, it is **93, 54.182, 136.707**.

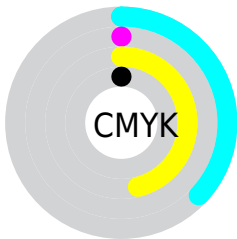
Distribution



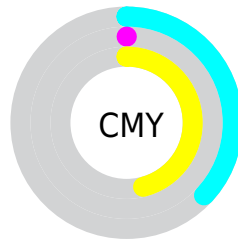
- Red (63%)
- Green (100%)
- Blue (54%)



- Red (54%)
- Yellow (100%)
- Blue (91%)



- Cyan (37%)
- Magenta (0%)
- Yellow (46%)
- Black (0%)




- Cyan (37%)
- Magenta (0%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 92, 68.517, 136.028 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 92, 68.517, 136.028 by changing the saturation by 10% instead.


 92, 68.517,
136.028

 92, 68.517,
136.028

 100, 68.517,
136.028

 82, 68.517,
136.028

 72, 68.517,
136.028

 62, 68.517,
136.028

 52, 68.517,
136.028

 42, 68.517,
136.028

 32, 68.517,
136.028

 22, 68.517,

136.028

■ 12, 68.517,
136.028

■ 2, 68.517, 136.028

■ 92, 68.517,
136.028

■ 92, 68.517,
136.028

■ 91, 82.015,
135.354

■ 93, 54.182,
136.707

■ 90, 94.177,
134.759

■ 95, 39.378,
137.346

■ 89, 104.385,
134.360

■ 97, 24.380,
137.927

■ 89, 111.988,
134.291

■ 99, 9.386, 138.453

100, 0.168,

■ 88,116.593,
134.633

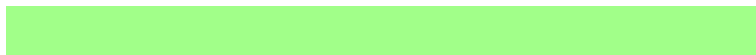
322.605

■ 88,117.732,
134.796

Harmonies

Complementary

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



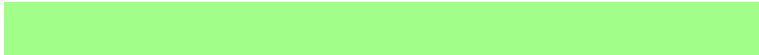
92, 68.517, 136.028



71, 69.851, 320.714

Rectangle

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



92, 68.517, 136.028



92, 68.517, 186.028



92, 68.517, 316.028



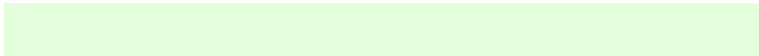
92, 68.517, 6.028

Sweetspot

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



92, 68.518, 136.029



97, 20.922, 138.052



91, 48.140, 93.725



51, 14.455, 137.935



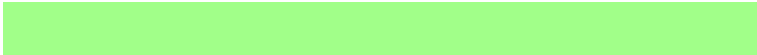
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

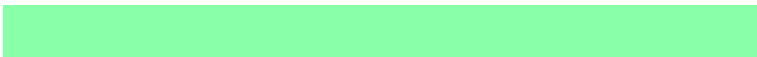
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92, 68.518, 136.029



91, 81.675, 135.374



91, 59.491, 149.345



52, 8.478, 138.289



68, 94.700, 134.636



23, 42.222, 133.913

Inverse Universe

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



71, 69.851, 320.714



66, 83.351, 321.020



72, 59.929, 337.135



50, 8.526, 319.118



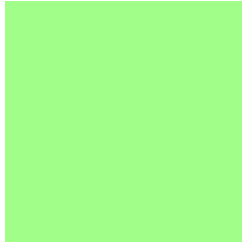
39, 94.909, 320.573



10, 43.511, 321.439

Previews

White Background



This preview shows how the CIE LCh color 92, 68.517, 136.028 looks on a white background.

Color Contrast Check

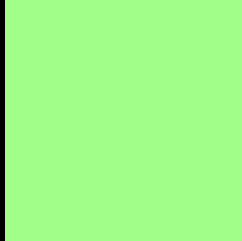
Large Text (above 18pt) WCAG AA × Fail

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 92, 68.517, 136.028 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 92, 68.517, 136.028

Background



This preview shows how black text looks on a background with the CIELCh color 92, 68.517, 136.028.

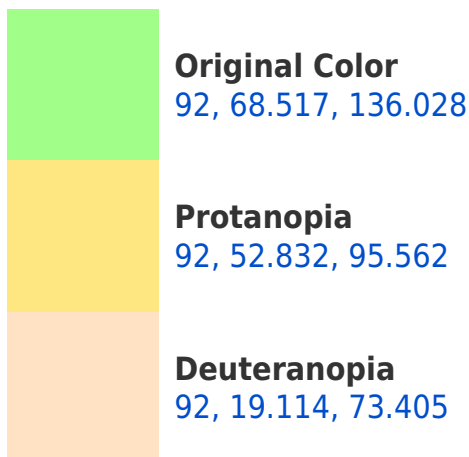



This preview shows how white text looks on a background with the CIELCh color 92, 68.517, 136.028.

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



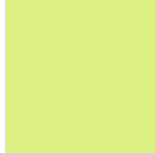


Tritanopia
92, 16.856, 228.173

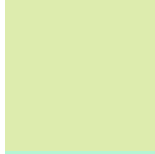
Trichromacy



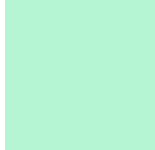
Original Color
92, 68.517, 136.028



Protanomaly
91, 55.052, 114.188



Deuteranomaly
91, 32.228, 117.917

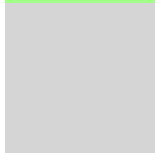


Tritanomaly
92, 28.246, 160.453

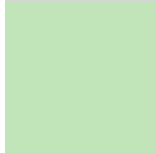
Monochromacy



Original Color
92, 68.517, 136.028



Achromatopsia
85, 0.010, 296.813



Achromatomaly
87, 25.730, 137.616

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 68.517, 136.028 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(161, 255, 137)` looks like.

```
.text, #text, p{  
    color:rgb(161, 255, 137)  
}
```

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(161, 255, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 255, 137) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 68.517, 136.028 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(161, 255, 137) }
```

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

```
.border{ border-color:rgb(161, 255, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 255, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 255, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 255, 137);  
box-shadow:4px 4px 4px 4px rgb(161, 255,  
137) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 68.517, 136.028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 255, 137) }
```

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

```
.background{ background-color: rgb(161,  
255, 137) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor