

Converting Colors

CIELCh(95, 78.293, 137.831)

Have a look what the booklet for
CIELCh(95, 78.293, 137.831)
contains.

CIELCh(92, 71.846, 137.902)	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, 71.846, 137.902)

Conversions

Conversions Part 1

Format	Color
Hex	96FF87
RGB	150, 255, 135
RGB Percent	59%, 100%, 53%
CMY	0.4102, 0.0000, 0.4694
CMYK	0.41, 0.00, 0.47, 0.00
HSL	112°, 100%, 77%
HSV	112°, 47%, 100%
XYZ	53.2569, 80.7044, 35.8012
YIQ	209.9250, -24.0600, -59.5800

Conversions

Conversions Part 2

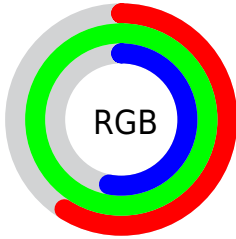
Format	Color
RYB	135, 255, 240
Decimal	9895815
CIELab	92.00, -53.31, 48.17
CIELCh	92, 71.846, 137.902
Yxy	80.7044, 0.3137, 0.4754
Android (android.graphics.Color)	4288085895 (0xFF96FF87)
YUV	209.9250, -36.9380, -52.5542
Hunter-Lab	89.8356, -51.3928, 39.2568

Details

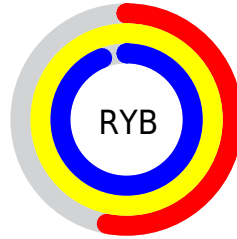
The CIELCh color **92, 71.846, 137.902** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **72, 71.717, 323.113**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 37.323, 135.234**, and **71, 71.085, 137.831** is the 20% darker color. If you saturate the color by 10%, you get **90, 84.709, 137.069**, and if you desaturate by 10%, it is **93, 56.486, 138.691**.

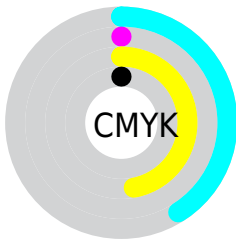
Distribution



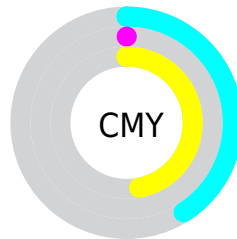
- Red (59%)
- Green (100%)
- Blue (53%)



- Red (53%)
- Yellow (100%)
- Blue (94%)



- Cyan (41%)
- Magenta (0%)
- Yellow (47%)
- Black (0%)





- Cyan (41%)
- Magenta (0%)
- Yellow (47%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 92, 71.846, 137.902 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, 71.846, 137.902 by changing the saturation by 10% instead.


 92, 71.846,
137.902


 92, 71.846,
137.902


 100, 71.846,
137.902


 82, 71.846,
137.902

 72, 71.846,
137.902

 62, 71.846,
137.902


 52, 71.846,
137.902

 42, 71.846,
137.902


 32, 71.846,
137.902


 22, 71.846,


137.902


 12, 71.846,
137.902


 2, 71.846, 137.902


 92, 71.846,
137.902


 92, 71.846,
137.902


 90, 84.709,
137.069


 93, 56.486,
138.691


 89, 96.843,
136.294

 95, 41.345,
139.423

 89, 106.836,
135.685

 96, 25.967,
140.075

 88, 114.042,
135.380

 98, 10.583,
140.654

■ 88, 118.117,
135.457

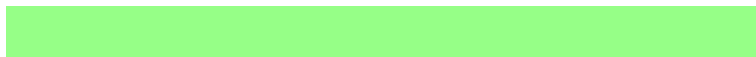
100, 0.012,
296.813

■ 88, 118.928,
135.496

Harmonies

Complementary

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



92, 71.846, 137.902



72, 71.717, 323.113

Rectangle

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



92, 71.846, 137.902



92, 71.846, 187.902



92, 71.846, 317.902



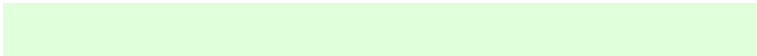
92, 71.846, 7.902

Sweetspot

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



92, 71.079, 137.893



97, 21.433, 140.252



94, 52.439, 98.876



51, 14.810, 140.123



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

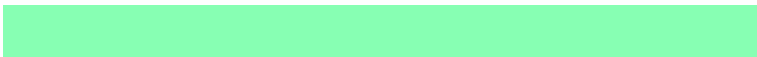
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92, 71.079, 137.893



91, 83.479, 137.146



92, 56.434, 152.539



52, 8.683, 140.511



68, 95.649, 135.387



23, 42.820, 135.035

Inverse Universe

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



72, 71.717, 323.113



67, 84.091, 323.418



72, 57.546, 341.185



50, 8.717, 321.407



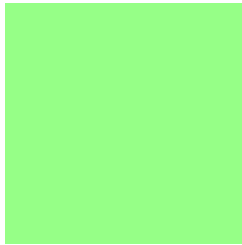
41, 93.964, 323.366



11, 43.159, 323.933

Previews

White Background



This preview shows how the CIE LCh color 92, 71.846, 137.902 looks on a white background.

Color Contrast Check

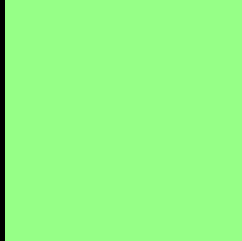
Large Text (above 18pt) WCAG AA × Fail

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, 71.846, 137.902 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

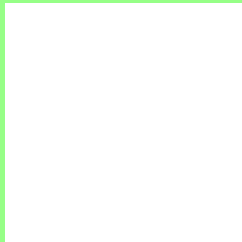
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 71.846, 137.902

Background



This preview shows how black text looks on a background with the CIELCh color 92, 71.846, 137.902.

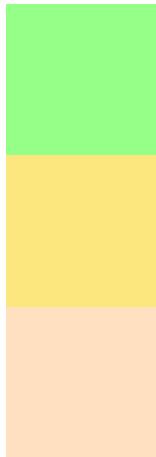


This preview shows how white text looks on a background with the CIELCh color 92, 71.846, 137.902.

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


92, 71.268, 137.910

Protanopia

91, 53.248, 96.022

Deuteranopia

91, 20.479, 73.150

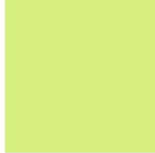


Tritanopia
91, 18.704, 224.910

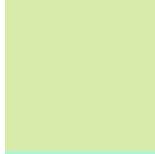
Trichromacy



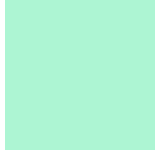
Original Color
92, 71.268, 137.910



Protanomaly
91, 55.815, 115.676



Deuteranomaly
90, 33.479, 119.458

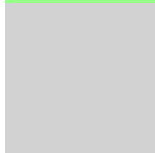


Tritanomaly
91, 30.643, 162.385

Monochromacy



Original Color
92, 71.268, 137.910



Achromatopsia
84, 0.010, 296.813



Achromatomaly
86, 26.541, 140.222

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 71.846, 137.902 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(150, 255, 135)` looks like.

```
.text, #text, p{  
    color:rgb(150, 255, 135)  
}
```

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(150, 255, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 255, 135) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 71.846, 137.902 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(150, 255, 135) }
```

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

```
.border{ border-color:rgb(150, 255, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 255, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 255, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 255, 135);  
box-shadow:4px 4px 4px 4px rgb(150, 255,  
135) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 71.846, 137.902 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 255, 135) }
```

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

```
.background{ background-color: rgb(150,  
255, 135) }
```

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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