

Converting Colors

CIELCh(100, 81.354, 135.927)

Have a look what the booklet for
CIELCh(100, 81.354, 135.927)
contains.

CIELCh(92, 66.643, 135.066)	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, 66.643, 135.066)

Conversions

Conversions Part 1

Format	Color
Hex	A6FE8A
RGB	166, 254, 138
RGB Percent	65%, 100%, 54%
CMY	0.3496, 0.0045, 0.4591
CMYK	0.35, 0.00, 0.46, 0.00
HSL	106°, 98%, 77%
HSV	106°, 46%, 100%
XYZ	55.6691, 80.7044, 36.6609
YIQ	214.4640, -15.2120, -54.7320

Conversions

Conversions Part 2

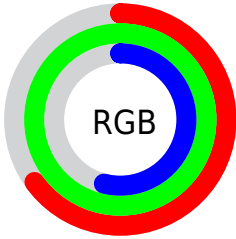
Format	Color
RYB	138, 254, 226
Decimal	10944138
CIELab	92.00, -47.18, 47.07
CIELCh	92, 66.643, 135.066
Yxy	80.7044, 0.3217, 0.4664
Android (android.graphics.Color)	4289134218 (0xFFA6FE8A)
YUV	214.4640, -37.6968, -42.5029
Hunter-Lab	89.8356, -46.5999, 38.6894

Details

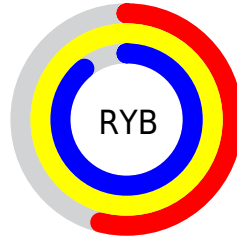
The CIELCh color **92, 66.643, 135.066** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **70, 68.302, 319.519**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 33.462, 127.939**, and **72, 67.034, 135.104** is the 20% darker color. If you saturate the color by 10%, you get **91, 80.055, 134.452**, and if you desaturate by 10%, it is **93, 52.460, 135.696**.

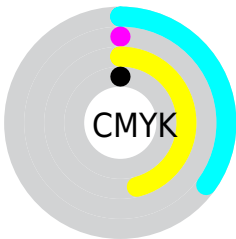
Distribution



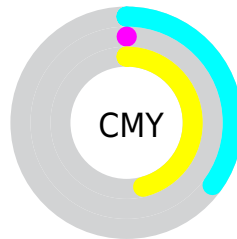
- Red (65%)
- Green (100%)
- Blue (54%)



- Red (54%)
- Yellow (100%)
- Blue (89%)



- Cyan (35%)
- Magenta (0%)
- Yellow (46%)
- Black (0%)





- Cyan (35%)
- Magenta (0%)
- Yellow (46%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 92, 66.643, 135.066 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, 66.643, 135.066 by changing the saturation by 10% instead.


 92, 66.643,
135.066


 92, 66.643,
135.066


 100, 66.643,
135.066


 82, 66.643,
135.066

 72, 66.643,
135.066

 62, 66.643,
135.066

 52, 66.643,
135.066

 42, 66.643,
135.066

 32, 66.643,
135.066

 22, 66.643,

135.066

■ 12, 66.643,
135.066

■ 2, 66.643, 135.066

■ 92, 66.643,
135.066

■ 92, 66.643,
135.066

■ 91, 80.055,
134.452

■ 93, 52.460,
135.696

■ 90, 92.219,
133.927

■ 95, 37.849,
136.296

■ 89, 102.536,
133.606

■ 97, 23.067,
136.846

■ 88, 110.362,
133.623

■ 98, 8.296, 137.351

100, 0.729,

■ 88,115.272,
134.065

324.043

■ 88,116.692,
134.322

Harmonies

Complementary

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



92, 66.643, 135.066



70, 68.302, 319.519

Rectangle

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



92, 66.643, 135.066



92, 66.643, 185.066



92, 66.643, 315.066



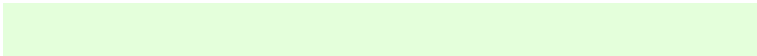
92, 66.643, 5.066

Sweetspot

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



92, 66.644, 135.067



97, 20.683, 136.932



90, 46.042, 91.485



52, 14.290, 136.820



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

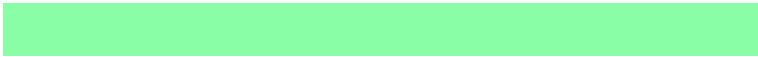
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92, 66.644, 135.067



91, 79.490, 134.490



91, 60.056, 148.225



52, 8.382, 137.160



68, 94.095, 134.141



23, 41.891, 133.261

Inverse Universe

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



70, 68.302, 319.519



66, 81.686, 319.821



73, 60.305, 335.624



50, 8.438, 317.966



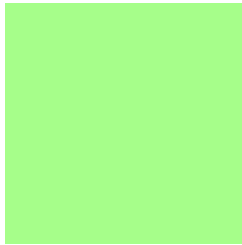
37, 95.470, 319.274



9, 43.720, 320.268

Previews

White Background



This preview shows how the CIE LCh color 92, 66.643, 135.066 looks on a white background.

Color Contrast Check

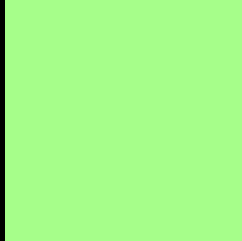
Large Text (above 18pt) WCAG AA × Fail

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, 66.643, 135.066 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

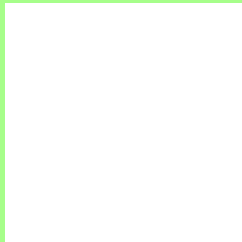
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 66.643, 135.066

Background



This preview shows how black text looks on a background with the CIELCh color 92, 66.643, 135.066.

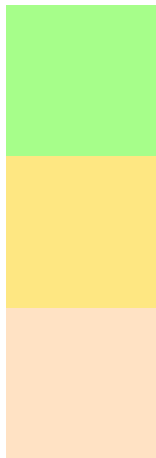


This preview shows how white text looks on a background with the CIELCh color 92, 66.643, 135.066.

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, 66.680, 135.055

Protanopia
92, 51.897, 95.470

Deuteranopia
92, 19.114, 73.405

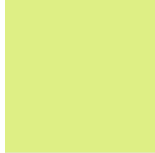


Tritanopia
92, 16.592, 228.703

Trichromacy



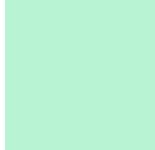
Original Color
92, 66.680, 135.055



Protanomaly
91, 53.515, 113.232



Deuteranomaly
91, 31.593, 116.757

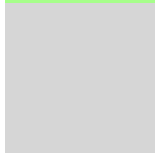


Tritanomaly
92, 26.890, 159.720

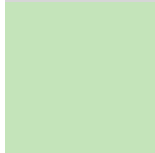
Monochromacy



Original Color
92, 66.680, 135.055



Achromatopsia
86, 0.010, 296.813



Achromatomaly
87, 24.908, 136.792

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 66.643, 135.066 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(166, 254, 138)` looks like.

```
.text, #text, p{  
    color:rgb(166, 254, 138)  
}
```

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(166, 254, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 254, 138) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 66.643, 135.066 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(166, 254, 138) }
```

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

```
.border{ border-color:rgb(166, 254, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 254, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 254, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 254, 138);  
box-shadow:4px 4px 4px 4px rgb(166, 254,  
138) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 66.643, 135.066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 254, 138) }
```

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

```
.background{ background-color: rgb(166,  
254, 138) }
```

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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