

Converting Colors

CIELCh(92, 69.585, 134.222)

Have a look what the booklet for
CIELCh(92, 69.585, 134.222)
contains.

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Color

CIELCh(92, 69.323, 134.108)

Conversions

Conversions Part 1

Format	Color
Hex	A5FE84
RGB	165, 254, 132
RGB Percent	65%, 100%, 52%
CMY	0.3522, 0.0031, 0.4816
CMYK	0.35, 0.00, 0.48, 0.00
HSL	104°, 99%, 76%
HSV	104°, 48%, 100%
XYZ	55.2424, 80.7044, 34.5628
YIQ	213.4810, -13.8820, -56.8100

Conversions

Conversions Part 2

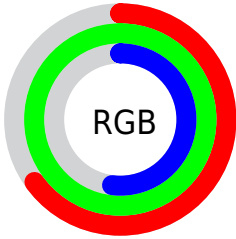
Format	Color
RYB	132, 254, 221
Decimal	10878596
CIELab	92.00, -48.25, 49.78
CIELCh	92, 69.323, 134.108
Yxy	80.7044, 0.3240, 0.4733
Android (android.graphics.Color)	4289068676 (0xFFA5FE84)
YUV	213.4810, -40.1701, -42.5178
Hunter-Lab	89.8356, -47.4479, 40.0741

Details

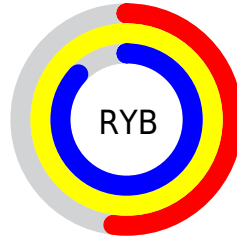
The CIELCh color **92, 69.323, 134.108** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **69, 71.449, 318.682**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 36.415, 126.764**, and **72, 69.552, 134.141** is the 20% darker color. If you saturate the color by 10%, you get **91, 82.414, 133.554**, and if you desaturate by 10%, it is **93, 55.386, 134.704**.

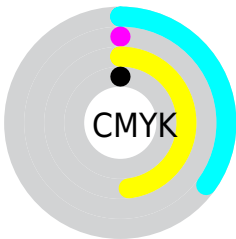
Distribution



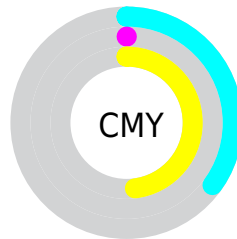
- Red (65%)
- Green (100%)
- Blue (52%)



- Red (52%)
- Yellow (100%)
- Blue (87%)



- Cyan (35%)
- Magenta (0%)
- Yellow (48%)
- Black (0%)



- Cyan (35%)
- Magenta (0%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 69.323, 134.108 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, 69.323, 134.108 by changing the saturation by 10% instead.

■ 92, 69.323,
134.108

■ 92, 69.323,
134.108

■ 100, 69.323,
134.108

■ 82, 69.323,
134.108

■ 72, 69.323,
134.108

■ 62, 69.323,
134.108

■ 52, 69.323,
134.108

■ 42, 69.323,
134.108

■ 32, 69.323,
134.108

■ 22, 69.323,

134.108

■ 12, 69.323,
134.108

■ 2, 69.323, 134.108

■ 92, 69.323,
134.108

■ 92, 69.323,
134.108

■ 91, 82.414,
133.554

■ 93, 55.386,
134.704

■ 90, 94.161,
133.124

■ 95, 40.963,
135.286

■ 89, 103.947,
132.941

■ 96, 26.322,
135.830

■ 89, 111.152,
133.137

■ 98, 11.652,
136.329

■ 88, 115.508,
133.758

100, 0.501,
323.841

■ 88, 116.174,
133.888

Harmonies

Complementary

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



92, 69.323, 134.108



69, 71.449, 318.682

Rectangle

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



92, 69.323, 134.108



92, 69.323, 184.108



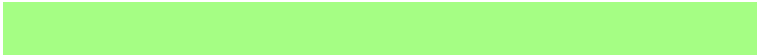
92, 69.323, 314.108



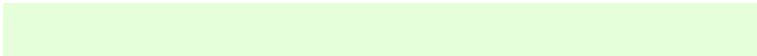
92, 69.323, 4.108

Sweetspot

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



92, 69.324, 134.109



97, 20.502, 136.034



89, 47.186, 88.693



52, 14.163, 135.925



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

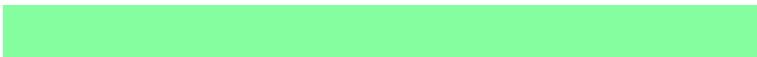
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92, 69.324, 134.109



91, 82.621, 133.553



91, 64.611, 146.788



52, 8.309, 136.256



68, 93.558, 133.689



23, 41.614, 132.695

Inverse Universe

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



69, 71.449, 318.682



64, 85.470, 318.982



72, 64.608, 334.423



50, 8.371, 317.048



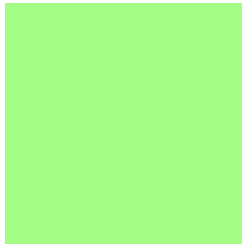
37, 95.950, 318.291



9, 43.899, 319.375

Previews

White Background



This preview shows how the CIE LCh color 92, 69.323, 134.108 looks on a white background.

Color Contrast Check

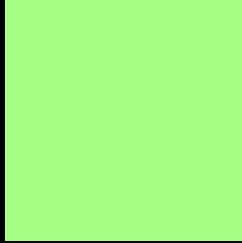
Large Text (above 18pt) WCAG AA × Fail

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, 69.323, 134.108 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

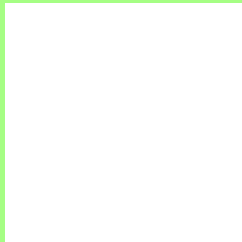
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 69.323, 134.108

Background



This preview shows how black text looks on a background with the CIELCh color 92, 69.323, 134.108.



This preview shows how white text looks on a background with the CIELCh color 92, 69.323, 134.108.

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, 69.323, 134.108

Protanopia
92, 54.689, 95.729

Deuteranopia
92, 19.547, 74.204

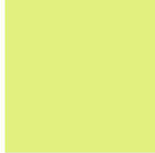


Tritanopia
92, 16.592, 228.703

Trichromacy



Original Color
92, 69.323, 134.108



Protanomaly
91, 56.286, 112.681



Deuteranomaly
91, 33.147, 116.905

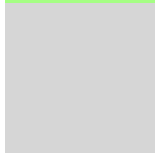


Tritanomaly
92, 28.182, 157.733

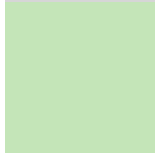
Monochromacy



Original Color
92, 69.323, 134.108



Achromatopsia
86, 0.010, 296.813



Achromatomaly
88, 26.442, 135.867

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 69.323, 134.108 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(165, 254, 132)` looks like.

```
.text, #text, p{  
    color:rgb(165, 254, 132)  
}
```

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(165, 254, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 254, 132) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 69.323, 134.108 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(165, 254, 132) }
```

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

```
.border{ border-color:rgb(165, 254, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 254, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 254, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 254, 132);  
box-shadow:4px 4px 4px 4px rgb(165, 254,  
132) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 69.323, 134.108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 254, 132) }
```

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

```
.background{ background-color: rgb(165,  
254, 132) }
```

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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