

Converting Colors

CIELCh(92, 86.144, 124.094)

Have a look what the booklet for
CIELCh(92, 86.144, 124.094)
contains.

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Color

CIELCh(92, 86.342, 124.198)

Conversions

Conversions Part 1

Format	Color
Hex	B2FE52
RGB	178, 254, 82
RGB Percent	70%, 100%, 32%
CMY	0.3033, 0.0052, 0.6797
CMYK	0.30, 0.00, 0.68, 0.01
HSL	87°, 98%, 66%
HSV	87°, 68%, 99%
XYZ	55.1315, 80.7044, 20.5883
YIQ	211.6680, 9.9160, -69.6040

Conversions

Conversions Part 2

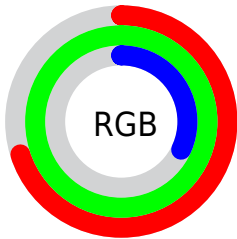
Format	Color
R_{YB}	82, 254, 158
Decimal	11730514
CIE _{Lab}	92.00, -48.53, 71.41
CIE _{LCh}	92, 86.342, 124.198
Yxy	80.7044, 0.3524, 0.5159
Android (android.graphics.Color)	4289920594 (0xFFB2FE52)
YUV	211.6680, -63.9263, -29.5268
Hunter-Lab	89.8356, -47.6681, 49.2970

Details

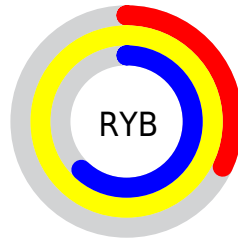
The CIELCh color **92, 86.342, 124.198** is a light color, and the websafe version is hex **99FF66**. The color can be described as light muted chartreuse. A complement of this color would be **52, 97.591, 310.824**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 57.660, 112.526**, and **72, 86.409, 124.134** is the 20% darker color. If you saturate the color by 10%, you get **91, 95.386, 124.354**, and if you desaturate by 10%, it is **93, 75.530, 124.355**.

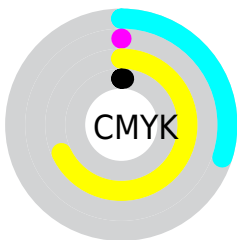
Distribution



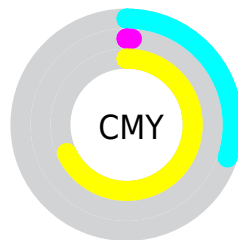
- Red (70%)
- Green (100%)
- Blue (32%)



- Red (32%)
- Yellow (100%)
- Blue (62%)



- Cyan (30%)
- Magenta (0%)
- Yellow (68%)
- Black (1%)





- Cyan (30%)
- Magenta (1%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 92, 86.342, 124.198 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, 86.342, 124.198 by changing the saturation by 10% instead.


 92, 86.342,
124.198


 92, 86.342,
124.198


 100, 86.342,
124.198


 82, 86.342,
124.198

 72, 86.342,
124.198

 62, 86.342,
124.198

 52, 86.342,
124.198

 42, 86.342,
124.198

 32, 86.342,
124.198

 22, 86.342,

124.198

■ 12, 86.342,
124.198

■ 2, 86.342, 124.198

■ 92, 86.342,
124.198

■ 92, 86.342,
124.198

■ 91, 95.386,
124.354

■ 93, 75.530,
124.355

■ 91, 102.081,
124.949

■ 94, 63.519,
124.704

■ 90, 106.196,
126.046

■ 95, 50.751,
125.156

■ 90, 106.914,
126.312

■ 96, 37.538,
125.654

■ 97, 24.089,
126.161

■ 98, 10.551,
126.659

100, 0.831,
324.098

Harmonies

Complementary

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



92, 86.342, 124.198



52, 97.591, 310.824

Rectangle

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



92, 86.342, 124.198



92, 86.342, 174.198



92, 86.342, 304.198



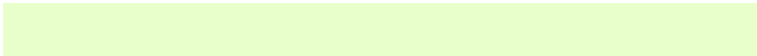
92, 86.342, 354.198

Sweetspot

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



92, 86.343, 124.199



97, 27.169, 126.050



73, 61.172, 60.482



52, 18.527, 125.908



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, 86.343, 124.199



92, 98.206, 124.492



89, 98.734, 137.266



53, 7.722, 126.575



70, 86.237, 126.030



24, 38.442, 124.459

Inverse Universe

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



52, 97.591, 310.824



46, 113.722, 311.145



63, 97.951, 325.585



49, 7.842, 307.463



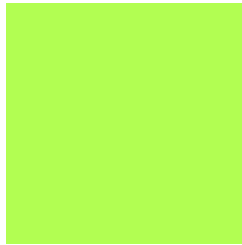
29, 101.788, 310.631



6, 44.920, 311.299

Previews

White Background



This preview shows how the CIE LCh color 92, 86.342, 124.198 looks on a white background.

Color Contrast Check

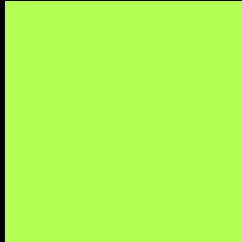
Large Text (above 18pt) WCAG AA × Fail

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, 86.342, 124.198 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, 86.342, 124.198

Background



This preview shows how black text looks on a background with the CIELCh color 92, 86.342, 124.198.

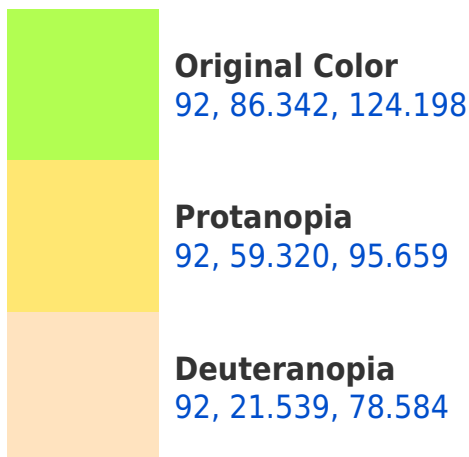


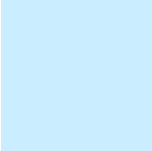
This preview shows how white text looks on a background with the CIELCh color 92, 86.342, 124.198.

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](#).

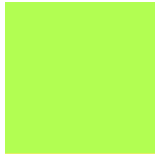
Dichromacy



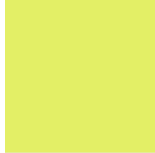


Tritanopia
92, 14.589, 238.707

Trichromacy



Original Color
92, 86.342, 124.198



Protanomaly
91, 67.090, 109.029



Deuteranomaly
91, 43.720, 111.858

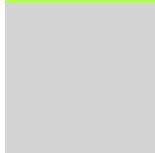


Tritanomaly
91, 32.053, 142.592

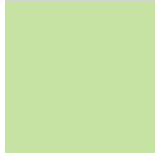
Monochromacy



Original Color
92, 86.342, 124.198



Achromatopsia
85, 0.010, 296.813



Achromatomaly
87, 34.264, 125.759

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 86.342, 124.198 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(178, 254, 82)` looks like.

```
.text, #text, p{  
    color:rgb(178, 254, 82)  
}
```

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(178, 254, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 254, 82) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 86.342, 124.198 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(178, 254, 82) }
```

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

```
.border{ border-color:rgb(178, 254, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 254, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 254, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 254, 82);  
box-shadow:4px 4px 4px 4px rgb(178, 254,  
82) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 86.342, 124.198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 254, 82) }
```

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

```
.background{ background-color: rgb(178,  
254, 82) }
```

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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