

Converting Colors

CIELCh(92, 87.656, 119.802)

Have a look what the booklet for
CIELCh(92, 87.656, 119.802)
contains.

CIELCh(92, 87.451, 119.707)	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, 87.451, 119.707)

Conversions

Conversions Part 1

Format	Color
Hex	BFFB45
RGB	191, 251, 69
RGB Percent	75%, 98%, 27%
CMY	0.2499, 0.0146, 0.7283
CMYK	0.24, 0.00, 0.72, 0.01
HSL	80°, 96%, 63%
HSV	80°, 72%, 99%
XYZ	57.2163, 80.7044, 18.2390
YIQ	212.3120, 22.6620, -69.3220

Conversions

Conversions Part 2

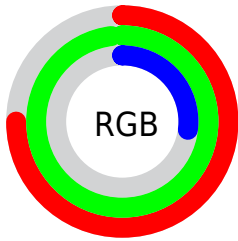
Format	Color
RYB	69, 251, 129
Decimal	12581701
CIELab	92.00, -43.34, 75.96
CIElCh	92, 87.451, 119.707
Yxy	80.7044, 0.3664, 0.5168
Android (android.graphics.Color)	4290771781 (0xFFBFFB45)
YUV	212.3120, -70.6528, -18.6906
Hunter-Lab	89.8356, -43.5256, 50.8475

Details

The CIELCh color **92, 87.451, 119.707** is a light color, and the websafe version is hex **CCFF33**. The color can be described as light washed chartreuse. A complement of this color would be **47, 103.593, 308.295**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 62.236, 106.903**, and **72, 83.605, 120.619** is the 20% darker color. If you saturate the color by 10%, you get **91, 94.969, 119.988**, and if you desaturate by 10%, it is **93, 77.881, 119.786**.

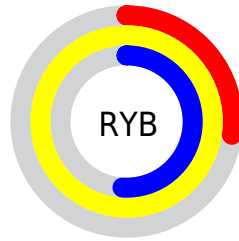
Distribution



Red (75%)

Green (98%)

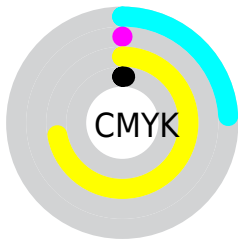
Blue (27%)



Red (27%)

Yellow (98%)

Blue (51%)

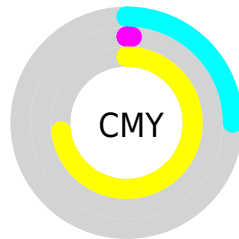


Cyan (24%)

Magenta (0%)

Yellow (72%)

Black (1%)



Cyan (25%)


Magenta (1%)


Yellow (73%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 92, 87.451, 119.707 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, 87.451, 119.707 by changing the saturation by 10% instead.


 92, 87.451,
119.707


 92, 87.451,
119.707


 100, 87.451,
119.707


 82, 87.451,
119.707

 72, 87.451,
119.707

 62, 87.451,
119.707

 52, 87.451,
119.707

 42, 87.451,
119.707

 32, 87.451,
119.707

 22, 87.451,

119.707

■ 12, 87.451,
119.707

■ 2, 87.451, 119.707

■ 92, 87.451,
119.707

■ 92, 87.451,
119.707

■ 91, 94.969,
119.988

■ 93, 77.881,
119.786

■ 91, 99.954,
120.730

■ 93, 66.855,
120.102

■ 91, 102.219,
121.573

■ 94, 54.877,
120.561

■ 95, 42.311,
121.097

96, 29.404,
121.664

97, 16.321,
122.235

98, 3.174, 122.806

99, 2.324, 324.390

Harmonies

Complementary

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



92, 87.451, 119.707



47, 103.593, 308.295

Rectangle

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



92, 87.451, 119.707



92, 87.451, 169.707



92, 87.451, 299.707



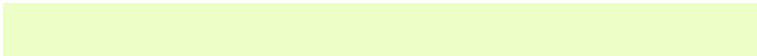
92, 87.451, 349.707

Sweetspot

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



92, 87.452, 119.709



97, 29.200, 121.687



67, 67.744, 50.068



52, 19.601, 121.532



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, 87.452, 119.709



92, 98.711, 120.270



88, 100.087, 134.885



52, 7.435, 122.400



70, 82.276, 121.307



23, 36.031, 119.968

Inverse Universe

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



47, 103.593, 308.295



40, 121.326, 308.855



58, 101.298, 321.898



48, 7.573, 303.450



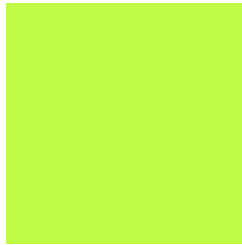
26, 103.028, 308.719



4, 42.914, 307.992

Previews

White Background



This preview shows how the CIE LCh color 92, 87.451, 119.707 looks on a white background.

Color Contrast Check

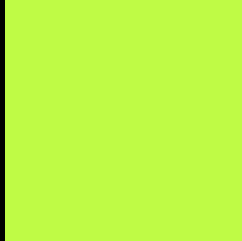
Large Text (above 18pt) WCAG AA × Fail

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, 87.451, 119.707 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, 87.451, 119.707

Background



This preview shows how black text looks on a background with the CIELCh color 92, 87.451, 119.707.

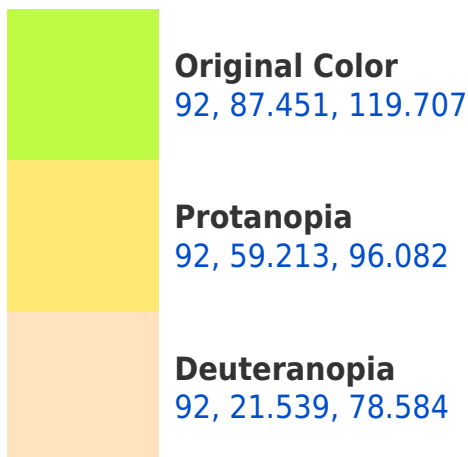


This preview shows how white text looks on a background with the CIELCh color 92, 87.451, 119.707.

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](#).

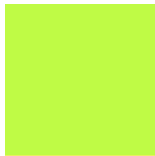
Dichromacy



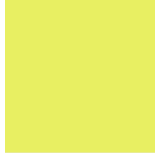


Tritanopia
92, 12.124, 253.575

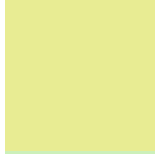
Trichromacy



Original Color
92, 87.451, 119.707



Protanomaly
92, 68.625, 107.093



Deuteranomaly
91, 45.041, 108.560

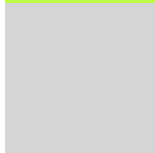


Tritanomaly
91, 30.846, 133.647

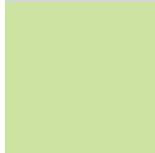
Monochromacy



Original Color
92, 87.451, 119.707



Achromatopsia
85, 0.010, 296.813



Achromatomaly
87, 35.039, 121.437

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 87.451, 119.707 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(191, 251, 69)` looks like.

```
.text, #text, p{  
    color:rgb(191, 251, 69)  
}
```

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(191, 251, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 251, 69) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 87.451, 119.707 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(191, 251, 69) }
```

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

```
.border{ border-color:rgb(191, 251, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 251, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 251, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 251, 69);  
box-shadow:4px 4px 4px 4px rgb(191, 251,  
69) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 87.451, 119.707 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 251, 69) }
```

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

```
.background{ background-color: rgb(191,  
251, 69) }
```

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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