

Converting Colors

CIELCh(92, 87.518, 123.489)

Have a look what the booklet for
CIELCh(92, 87.518, 123.489)
contains.

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Color

CIELCh(92, 87.846, 123.510)

Conversions

Conversions Part 1

Format	Color
Hex	B3FE4D
RGB	179, 254, 77
RGB Percent	70%, 100%, 30%
CMY	0.2996, 0.0054, 0.6996
CMYK	0.30, 0.00, 0.70, 0.01
HSL	85°, 98%, 65%
HSV	85°, 70%, 99%
XYZ	55.1437, 80.7044, 19.6185
YIQ	211.3970, 12.1170, -70.9470

Conversions

Conversions Part 2

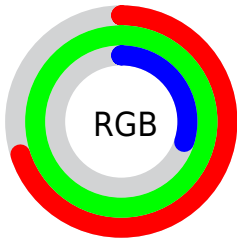
Format	Color
RYB	77, 254, 152
Decimal	11796045
CIELab	92.00, -48.50, 73.25
CIElCh	92, 87.846, 123.510
Yxy	80.7044, 0.3547, 0.5191
Android (android.graphics.Color)	4289986125 (0xFFB3FE4D)
YUV	211.3970, -66.2577, -28.4122
Hunter-Lab	89.8356, -47.6439, 49.9371

Details

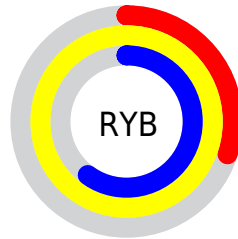
The CIELCh color **92, 87.846, 123.510** is a light color, and the websafe version is hex **99FF33**. The color can be described as light washed chartreuse. A complement of this color would be **51, 100.279, 310.434**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 59.429, 111.823**, and **72, 86.700, 124.040** is the 20% darker color. If you saturate the color by 10%, you get **91, 96.391, 123.742**, and if you desaturate by 10%, it is **93, 77.410, 123.617**.

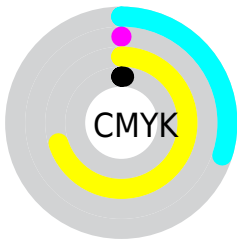
Distribution



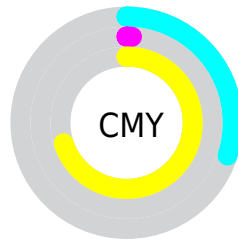
- Red (70%)
- Green (100%)
- Blue (30%)



- Red (30%)
- Yellow (100%)
- Blue (60%)



- Cyan (30%)
- Magenta (0%)
- Yellow (70%)
- Black (1%)





- Cyan (30%)
- Magenta (1%)
- Yellow (70%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 92, 87.846, 123.510 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, 87.846, 123.510 by changing the saturation by 10% instead.


 92, 87.846,
123.510


 92, 87.846,
123.510


 100, 87.846,
123.510


 82, 87.846,
123.510

 72, 87.846,
123.510

 62, 87.846,
123.510

 52, 87.846,
123.510

 42, 87.846,
123.510

 32, 87.846,
123.510

 22, 87.846,

123.510

■ 12, 87.846,
123.510

■ 2, 87.846, 123.510

■ 92, 87.846,
123.510

■ 92, 87.846,
123.510

■ 91, 96.391,
123.742

■ 93, 77.410,
123.617

■ 91, 102.497,
124.434

■ 94, 65.669,
123.937

■ 90, 106.175,
125.591

■ 95, 53.094,
124.378

■ 90, 106.241,
125.616

■ 96, 40.017,
124.876

■ 97, 26.666,
125.391

■ 98, 13.195,
125.899

■ 100, 0.288,
305.988

■ 100, 0.867,
324.115

Harmonies

Complementary

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



92, 87.846, 123.510



51, 100.279, 310.434

Rectangle

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



92, 87.846, 123.510



92, 87.846, 173.510



92, 87.846, 303.510



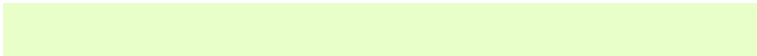
92, 87.846, 353.510

Sweetspot

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



92, 87.847, 123.511



97, 28.409, 125.328



72, 63.374, 58.748



52, 19.216, 125.186



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, 87.847, 123.511



92, 99.704, 123.973



89, 100.473, 136.829



53, 7.693, 125.913



70, 85.717, 125.335



24, 38.240, 123.769

Inverse Universe

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



51, 100.279, 310.434



44, 116.924, 310.729



62, 99.803, 325.086



49, 7.817, 306.823



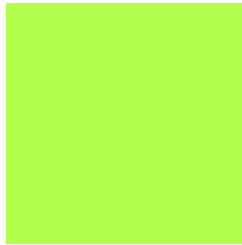
28, 102.175, 310.278



5, 44.913, 310.816

Previews

White Background



This preview shows how the CIE LCh color 92, 87.846, 123.510 looks on a white background.

Color Contrast Check

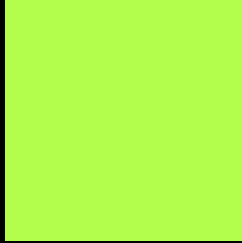
Large Text (above 18pt) WCAG AA × Fail

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, 87.846, 123.510 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

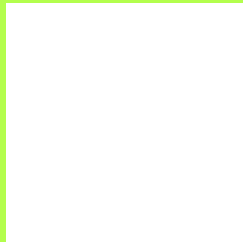
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 87.846, 123.510

Background



This preview shows how black text looks on a background with the CIELCh color 92, 87.846, 123.510.

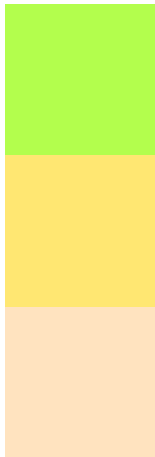


This preview shows how white text looks on a background with the CIELCh color 92, 87.846, 123.510.

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, 87.846, 123.510

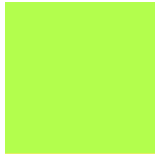
Protanopia
92, 59.320, 95.659

Deuteranopia
92, 21.539, 78.584

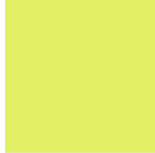


Tritanopia
92, 14.349, 239.519

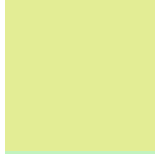
Trichromacy



Original Color
92, 87.846, 123.510



Protanomaly
91, 67.924, 108.916

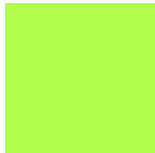


Deuteranomaly
91, 44.690, 111.676

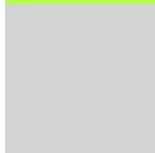


Tritanomaly
91, 32.714, 141.114

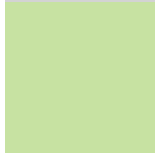
Monochromacy



Original Color
92, 87.846, 123.510



Achromatopsia
85, 0.010, 296.813



Achromatomaly
87, 34.649, 124.890

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 87.846, 123.510 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(179, 254, 77)` looks like.

```
.text, #text, p{  
    color:rgb(179, 254, 77)  
}
```

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(179, 254, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 254, 77) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 87.846, 123.510 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(179, 254, 77) }
```

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

```
.border{ border-color:rgb(179, 254, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 254, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 254, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 254, 77);  
box-shadow:4px 4px 4px 4px rgb(179, 254,  
77) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 87.846, 123.510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 254, 77) }
```

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

```
.background{ background-color: rgb(179,  
254, 77) }
```

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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