

Converting Colors

CIELCh(76, 66.482, 123.905)

Have a look what the booklet for
CIELCh(76, 66.482, 123.905)
contains.

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Color

CIELCh(76, 66.530, 123.910)

Conversions

Conversions Part 1

Format	Color
Hex	95CB4E
RGB	149, 203, 78
RGB Percent	58%, 80%, 31%
CMY	0.4141, 0.2023, 0.6926
CMYK	0.27, 0.00, 0.61, 0.20
HSL	86°, 55%, 55%
HSV	86°, 61%, 80%
XYZ	35.3094, 49.8872, 15.0492
YIQ	172.6040, 7.9410, -50.3230

Conversions

Conversions Part 2

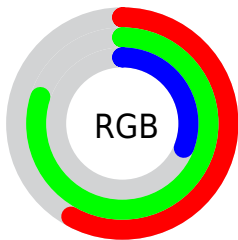
Format	Color
RYB	78, 203, 132
Decimal	9816910
CIELab	76.00, -37.12, 55.21
CIELCh	76, 66.530, 123.910
Yxy	49.8872, 0.3522, 0.4976
Android (android.graphics.Color)	4288006990 (0xFF95CB4E)
YUV	172.6040, -46.6398, -20.7007
Hunter-Lab	70.6309, -34.3693, 36.8088

Details

The CIELCh color **76, 66.530, 123.910** is a dark color, and the websafe version is hex **99CC66**. The color can be described as middle muted chartreuse. A complement of this color would be **45, 74.315, 310.205**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 63.641, 123.022**, and **56, 66.826, 123.955** is the 20% darker color. If you saturate the color by 10%, you get **75, 75.174, 123.830**, and if you desaturate by 10%, it is **77, 56.773, 124.211**.

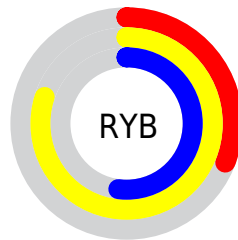
Distribution



Red (58%)

Green (80%)

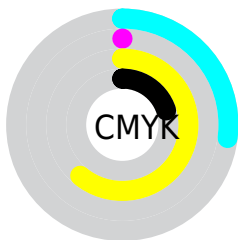
Blue (31%)



Red (31%)

Yellow (80%)

Blue (52%)

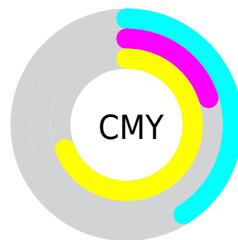


Cyan (27%)

Magenta (0%)

Yellow (61%)

Black (20%)



Cyan (41%)


Magenta (20%)


Yellow (69%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 66.530, 123.910 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 76, 66.530, 123.910 by changing the saturation by 10% instead.


 76, 66.530,
123.910


 76, 66.530,
123.910


 100, 66.530,
123.910


 66, 66.530,
123.910


 96, 66.530,
123.910

 56, 66.530,
123.910

 46, 66.530,
123.910

 36, 66.530,
123.910

 26, 66.530,
123.910

 16, 66.530,
123.910

 6, 66.530, 123.910

0, 66.530, 123.910

76, 66.530,
123.910

76, 66.530,
123.910

75, 75.174,
123.830

77, 56.773,
124.211

75, 82.217,
124.087

78, 46.292,
124.635

74, 87.226,
124.799

78, 35.373,
125.120

74, 90.055,
125.721

79, 24.209,
125.624

81, 12.934,
126.124

82, 1.638, 126.650

■ 83, 9.613, 307.025

■ 84, 20.772,
307.441

■ 85, 28.576,
309.553

Harmonies

Complementary

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



76, 66.530, 123.910



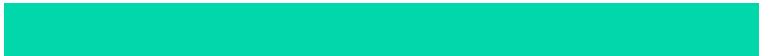
45, 74.315, 310.205

Rectangle

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



76, 66.530, 123.910



76, 66.530, 173.910



76, 66.530, 303.910



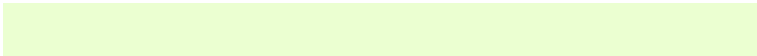
76, 66.530, 353.910

Sweetspot

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



76, 66.531, 123.911



98, 24.404, 125.786



61, 45.662, 59.660



52, 16.952, 125.638



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



76, 66.531, 123.911



92, 92.316, 123.875



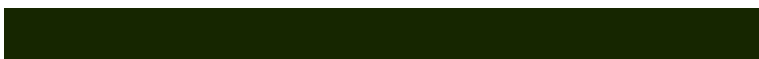
73, 76.260, 137.614



43, 6.414, 126.225



61, 77.183, 125.480



13, 23.962, 127.811

Inverse Universe

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



45, 74.315, 310.205



49, 105.986, 310.791



53, 76.179, 324.884



40, 6.514, 307.102



24, 91.617, 310.552



2, 24.257, 304.214

Previews

White Background



This preview shows how the CIELCh color 76, 66.530, 123.910 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 CIE LCh color 76, 66.530, 123.910 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 76, 66.530, 123.910

Background



This preview shows how black text looks on a background with the CIELCh color 76, 66.530, 123.910.



This preview shows how white text looks on a background with the CIELCh color 76, 66.530, 123.910.

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
76, 11.631, 243.122

Trichromacy



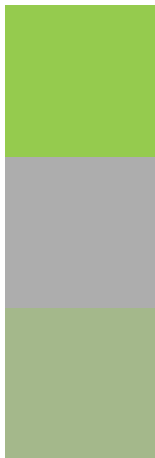
Original Color
76, 66.530, 123.910

Protanomaly
76, 59.149, 107.116

Deuteranomaly
75, 53.905, 98.518

Tritanomaly
76, 23.695, 143.293

Monochromacy



Original Color
76, 66.530, 123.910

Achromatopsia
71, 0.009, 296.813

Achromatomaly
72, 25.483, 125.942

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 66.530, 123.910 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(149, 203, 78)` looks like.

```
.text, #text, p{  
    color:rgb(149, 203, 78)  
}
```

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(149, 203, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 203, 78) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 66.530, 123.910 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(149, 203, 78) }
```

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

```
.border{ border-color:rgb(149, 203, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 203, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 203, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 203, 78);  
box-shadow:4px 4px 4px 4px rgb(149, 203,  
78) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 66.530, 123.910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 203, 78) }
```

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

```
.background{ background-color: rgb(149,  
203, 78) }
```

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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