

Converting Colors

CIELCh(77, 66.244, 129.802)

Have a look what the booklet for
CIELCh(77, 66.244, 129.802)
contains.

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Color

CIELCh(77, 66.590, 129.763)

Conversions

Conversions Part 1

Format	Color
Hex	8AD15A
RGB	138, 209, 90
RGB Percent	54%, 82%, 35%
CMY	0.4602, 0.1818, 0.6484
CMYK	0.34, 0.00, 0.57, 0.18
HSL	96°, 56%, 58%
HSV	96°, 57%, 82%
XYZ	34.9672, 51.5317, 17.7023
YIQ	174.2050, -4.1170, -52.0610

Conversions

Conversions Part 2

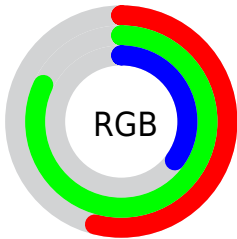
Format	Color
RYB	90, 209, 161
Decimal	9097562
CIELab	77.00, -42.59, 51.19
CIELCh	77, 66.590, 129.763
Yxy	51.5317, 0.3356, 0.4945
Android (android.graphics.Color)	4287287642 (0xFF8AD15A)
YUV	174.2050, -41.5131, -31.7518
Hunter-Lab	71.7856, -38.6765, 35.6291

Details

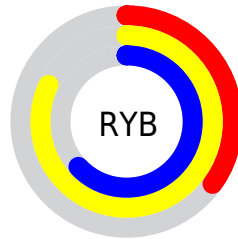
The CIELCh color **77, 66.590, 129.763** is a dark color, and the websafe version is hex **99CC66**. The color can be described as middle muted chartreuse. A complement of this color would be **51, 70.903, 314.860**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 60.354, 128.249**, and **57, 66.624, 129.614** is the 20% darker color. If you saturate the color by 10%, you get **76, 76.493, 129.498**, and if you desaturate by 10%, it is **78, 55.716, 130.178**.

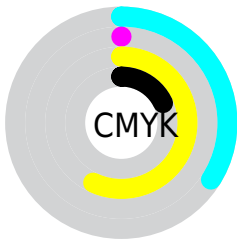
Distribution



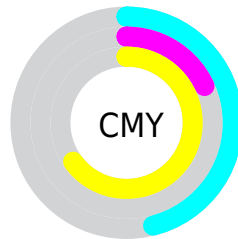
- Red (54%)
- Green (82%)
- Blue (35%)



- Red (35%)
- Yellow (82%)
- Blue (63%)



- Cyan (34%)
- Magenta (0%)
- Yellow (57%)
- Black (18%)





- Cyan (46%)
- Magenta (18%)
- Yellow (65%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 66.590, 129.763 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 77, 66.590, 129.763 by changing the saturation by 10% instead.


 77, 66.590,
129.763


 77, 66.590,
129.763


 100, 66.590,
129.763


 67, 66.590,
129.763


 97, 66.590,
129.763

 57, 66.590,
129.763

 47, 66.590,
129.763

 37, 66.590,
129.763

 27, 66.590,
129.763

 17, 66.590,
129.763

 7, 66.590, 129.763

■ 0, 66.590, 129.763

■ 77, 66.590,
129.763

■ 77, 66.590,
129.763

■ 76, 76.493,
129.498

■ 78, 55.716,
130.178

■ 76, 84.945,
129.495

■ 79, 44.233,
130.660

■ 75, 91.439,
129.885

■ 80, 32.406,
131.157

■ 75, 95.694,
130.737

■ 81, 20.418,
131.641

■ 74, 96.726,
131.009

■ 83, 8.399, 132.101

■ 84, 3.558, 312.450

■ 86, 15.389,

312.852

■ 87, 26.284,
313.833

■ 88, 28.118,
322.183

Harmonies

Complementary

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



77, 66.590, 129.763



51, 70.903, 314.860

Rectangle

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



77, 66.590, 129.763



77, 66.590, 179.763



77, 66.590, 309.763



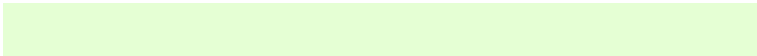
77, 66.590, 359.763

Sweetspot

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



77, 66.591, 129.764



97, 23.995, 131.633



69, 44.168, 76.160



52, 16.053, 131.536



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



77, 66.591, 129.764



91, 90.861, 129.475



75, 70.776, 141.692



43, 6.804, 131.993



61, 82.220, 130.779



14, 27.020, 132.865

Inverse Universe

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



51, 70.903, 314.860



56, 97.817, 315.156



57, 69.951, 329.982



41, 6.879, 312.756



28, 89.488, 314.396



3, 27.395, 311.402

Previews

White Background



This preview shows how the CIELCh color 77, 66.590, 129.763 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 77, 66.590, 129.763 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 77, 66.590, 129.763

Background



This preview shows how black text looks on a background with the CIELCh color 77, 66.590, 129.763.



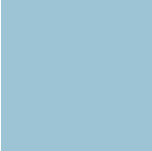
This preview shows how white text looks on a background with the CIELCh color 77, 66.590, 129.763.

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
77, 15.640, 232.116

Trichromacy



Original Color
77, 66.590, 129.763



Protanomaly
76, 56.244, 110.165



Deuteranomaly
76, 49.862, 101.479

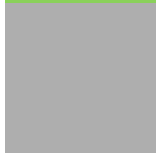


Tritanomaly
77, 26.132, 154.938

Monochromacy



Original Color
77, 66.590, 129.763



Achromatopsia
71, 0.009, 296.813



Achromatomaly
73, 25.781, 131.141

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 66.590, 129.763 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(138, 209, 90)` looks like.

```
.text, #text, p{  
    color:rgb(138, 209, 90)  
}
```

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(138, 209, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 209, 90) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 66.590, 129.763 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(138, 209, 90) }
```

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

```
.border{ border-color:rgb(138, 209, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 209, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 209, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 209, 90);  
box-shadow:4px 4px 4px 4px rgb(138, 209,  
90) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 66.590, 129.763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 209, 90) }
```

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

```
.background{ background-color: rgb(138,  
209, 90) }
```

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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