

Converting Colors

CIELCh(76, 57.105, 118.132)

Have a look what the booklet for
CIELCh(76, 57.105, 118.132)
contains.

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Color

CIELCh(76, 57.105, 118.132)

Conversions

Conversions Part 1

Format	Color
Hex	A8C75A
RGB	168, 199, 90
RGB Percent	66%, 78%, 35%
CMY	0.3413, 0.2197, 0.6472
CMYK	0.16, 0.00, 0.55, 0.22
HSL	77°, 49%, 57%
HSV	77°, 55%, 78%
XYZ	38.3988, 49.8872, 17.2702
YIQ	177.3050, 16.5130, -40.4710

Conversions

Conversions Part 2

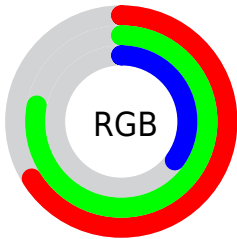
Format	Color
RYB	90, 199, 121
Decimal	11061082
CIELab	76.00, -26.93, 50.36
CIELCh	76, 57.105, 118.132
Yxy	49.8872, 0.3638, 0.4726
Android (android.graphics.Color)	4289251162 (0xFFA8C75A)
YUV	177.3050, -43.0414, -8.1605
Hunter-Lab	70.6309, -26.5618, 34.9445

Details

The CIELCh color **76, 57.105, 118.132** is a light color, and the websafe version is hex **99CC66**. The color can be described as light muted chartreuse. A complement of this color would be **46, 64.790, 305.594**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 56.732, 117.918**, and **56, 57.205, 118.251** is the 20% darker color. If you saturate the color by 10%, you get **75, 65.950, 117.813**, and if you desaturate by 10%, it is **77, 47.418, 118.604**.

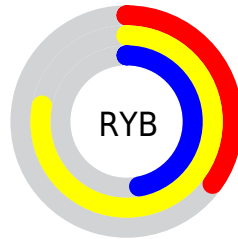
Distribution



Red (66%)

Green (78%)

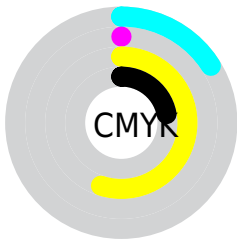
Blue (35%)



Red (35%)

Yellow (78%)

Blue (47%)

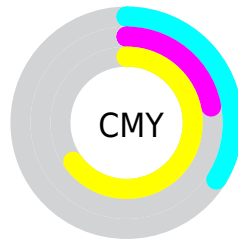


Cyan (16%)

Magenta (0%)

Yellow (55%)

Black (22%)



Cyan (34%)


Magenta (22%)


Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 57.105, 118.132 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, 57.105, 118.132 by changing the saturation by 10% instead.


 76, 57.105,
118.132


 76, 57.105,
118.132


 100, 57.105,
118.132


 66, 57.105,
118.132


 96, 57.105,
118.132

 56, 57.105,
118.132

 46, 57.105,
118.132

 36, 57.105,
118.132

 26, 57.105,
118.132

 16, 57.105,
118.132

 6, 57.105, 118.132

0, 57.105, 118.132

76, 57.105,
118.132

76, 57.105,
118.132

75, 65.950,
117.813

77, 47.418,
118.604

75, 73.526,
117.733

77, 37.198,
119.158

75, 79.348,
118.001

78, 26.661,
119.751

74, 83.062,
118.708

79, 15.949,
120.353

74, 84.434,
119.189

80, 5.159, 120.949

81, 5.644, 301.501

82, 16.411,

302.045

■ 83, 27.111,
302.551

■ 83, 30.502,
305.175

Harmonies

Complementary

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



76, 57.105, 118.132



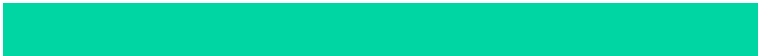
46, 64.790, 305.594

Rectangle

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



76, 57.105, 118.132



76, 57.105, 168.132



76, 57.105, 298.132



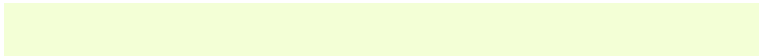
76, 57.105, 348.132

Sweetspot

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



76, 57.106, 118.134



98, 21.109, 120.265



59, 40.454, 47.418



52, 14.245, 120.140



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, 57.106, 118.134



94, 81.646, 117.771



73, 65.314, 135.173



42, 6.119, 120.675



62, 72.799, 118.987



12, 21.251, 121.991

Inverse Universe

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



46, 64.790, 305.594



51, 96.130, 306.755



52, 66.809, 320.548



39, 6.236, 301.782



21, 93.134, 308.212



2, 21.785, 299.191

Previews

White Background



This preview shows how the CIELCh color 76, 57.105, 118.132 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 76, 57.105, 118.132 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, 57.105, 118.132

Background



This preview shows how black text looks on a background with the CIELCh color 76, 57.105, 118.132.

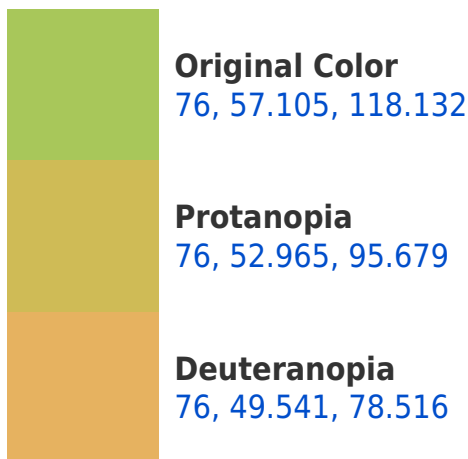


This preview shows how white text looks on a background with the CIELCh color 76, 57.105, 118.132.

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, 8.317, 276.097

Trichromacy



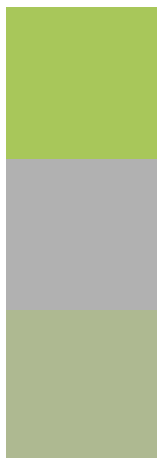
Original Color
76, 57.105, 118.132

Protanomaly
76, 53.417, 104.176

Deuteranomaly
76, 48.907, 94.814

Tritanomaly
75, 17.105, 128.372

Monochromacy



Original Color
76, 57.105, 118.132

Achromatopsia
72, 0.009, 296.813

Achromatomaly
73, 21.918, 119.571

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 57.105, 118.132 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(168, 199, 90)` looks like.

```
.text, #text, p{  
    color:rgb(168, 199, 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(168, 199, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 199, 90) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 57.105, 118.132 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(168, 199, 90) }
```

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

```
.border{ border-color:rgb(168, 199, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 199, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 199, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 199, 90);  
box-shadow:4px 4px 4px 4px rgb(168, 199,  
90) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 57.105, 118.132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 199, 90) }
```

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

```
.background{ background-color: rgb(168,  
199, 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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