

Converting Colors

CIELCh(74, 58.160, 127.078)

Have a look what the booklet for
CIELCh(74, 58.160, 127.078)
contains.

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Color

CIELCh(74, 57.817, 127.004)

Conversions

Conversions Part 1

Format	Color
Hex	90C55D
RGB	144, 197, 93
RGB Percent	56%, 77%, 36%
CMY	0.4349, 0.2271, 0.6349
CMYK	0.27, 0.00, 0.53, 0.23
HSL	91°, 47%, 57%
HSV	91°, 53%, 77%
XYZ	33.4844, 46.7039, 17.6259
YIQ	169.2970, 1.7960, -43.5800

Conversions

Conversions Part 2

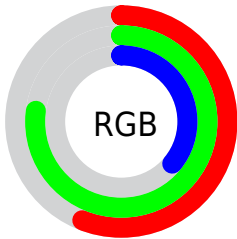
Format	Color
RYB	93, 197, 146
Decimal	9487709
CIELab	74.00, -34.80, 46.17
CIELCh	74, 57.817, 127.004
Yxy	46.7039, 0.3423, 0.4775
Android (android.graphics.Color)	4287677789 (0xFF90C55D)
YUV	169.2970, -37.6144, -22.1855
Hunter-Lab	68.3403, -32.1367, 32.5465

Details

The CIELCh color **74, 57.817, 127.004** 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 **49, 62.397, 312.029**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 57.759, 127.058**, and **54, 57.738, 127.159** is the 20% darker color. If you saturate the color by 10%, you get **73, 67.468, 126.717**, and if you desaturate by 10%, it is **75, 47.426, 127.419**.

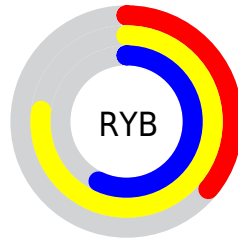
Distribution



Red (56%)

Green (77%)

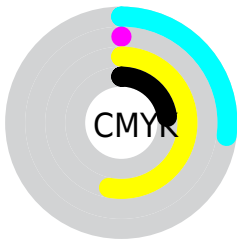
Blue (36%)



Red (36%)

Yellow (77%)

Blue (57%)

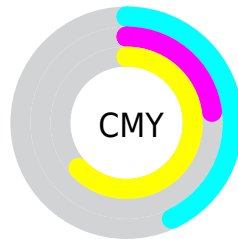


Cyan (27%)

Magenta (0%)

Yellow (53%)

Black (23%)



Cyan (43%)

Magenta (23%)

Yellow (63%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 57.817, 127.004 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 74, 57.817, 127.004 by changing the saturation by 10% instead.


 74, 57.817,
127.004

 74, 57.817,
127.004


 100, 57.817,
127.004

 64, 57.817,
127.004

 94, 57.817,
127.004


 54, 57.817,
127.004

 44, 57.817,
127.004

 34, 57.817,
127.004

 24, 57.817,
127.004

 14, 57.817,
127.004

 4, 57.817, 127.004

0, 57.817, 127.004

74, 57.817,
127.004

74, 57.817,
127.004

73, 67.468,
126.717

75, 47.426,
127.419

73, 75.977,
126.652

76, 36.584,
127.889

72, 82.870,
126.935

77, 25.493,
128.374

72, 87.738,
127.680

78, 14.295,
128.849

71, 90.206,
128.432

79, 3.087, 129.325

81, 8.061, 309.684

82, 19.100,

310.068

■ 83, 29.995,
310.410

■ 84, 33.191,
314.972

Harmonies

Complementary

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



74, 57.817, 127.004



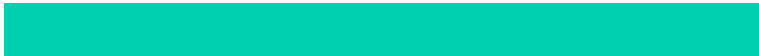
49, 62.397, 312.029

Rectangle

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



74, 57.817, 127.004



74, 57.817, 177.004



74, 57.817, 307.004



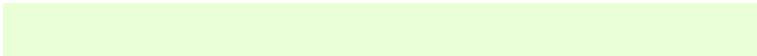
74, 57.817, 357.004

Sweetspot

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



74, 57.818, 127.005



98, 22.084, 128.686



64, 37.661, 68.828



52, 14.911, 128.587



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



74, 57.818, 127.005



92, 83.222, 126.695



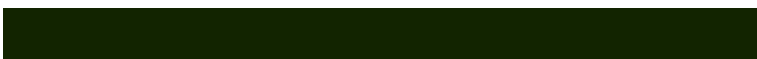
72, 66.609, 140.072



41, 6.390, 129.007



60, 78.246, 128.206



12, 22.953, 131.781

Inverse Universe

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



49, 62.397, 312.029



57, 91.401, 312.511



56, 66.173, 327.148



39, 6.476, 309.807



25, 89.088, 312.224



2, 22.408, 306.273

Previews

White Background



This preview shows how the CIELCh color 74, 57.817, 127.004 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 74, 57.817, 127.004 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 74, 57.817, 127.004

Background



This preview shows how black text looks on a background with the CIELCh color 74, 57.817, 127.004.

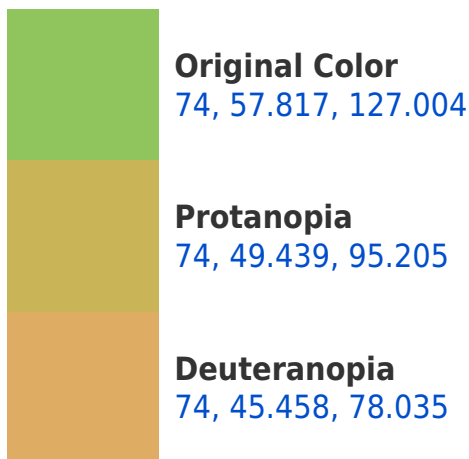


This preview shows how white text looks on a background with the CIELCh color 74, 57.817, 127.004.

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
74, 11.834, 238.876

Trichromacy



Original Color
74, 57.817, 127.004

Protanomaly
74, 50.359, 108.728

Deuteranomaly
73, 45.004, 99.177

Tritanomaly
74, 20.788, 149.040

Monochromacy



Original Color
74, 57.817, 127.004

Achromatopsia
69, 0.009, 296.813

Achromatomaly
71, 21.928, 128.113

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 57.817, 127.004 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(144, 197, 93)` looks like.

```
.text, #text, p{  
    color:rgb(144, 197, 93)  
}
```

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(144, 197, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 197, 93) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 57.817, 127.004 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(144, 197, 93) }
```

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

```
.border{ border-color:rgb(144, 197, 93) }
```

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

Here you see how a box with a 4 pixel rgb(144, 197, 93) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 197, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 197, 93);  
box-shadow:4px 4px 4px 4px rgb(144, 197,  
93) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 57.817, 127.004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 197, 93) }
```

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

```
.background{ background-color: rgb(144,  
197, 93) }
```

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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