

Converting Colors

CIELCh(75, 59.528, 121.493)

Have a look what the booklet for
CIELCh(75, 59.528, 121.493)
contains.

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Color

CIELCh(75, 59.561, 121.461)

Conversions

Conversions Part 1

Format	Color
Hex	9DC656
RGB	157, 198, 86
RGB Percent	62%, 78%, 34%
CMY	0.3840, 0.2232, 0.6624
CMYK	0.21, 0.00, 0.57, 0.22
HSL	82°, 50%, 56%
HSV	82°, 57%, 78%
XYZ	35.8188, 48.2781, 16.2521
YIQ	172.9730, 11.5160, -43.5240

Conversions

Conversions Part 2

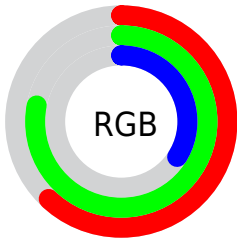
Format	Color
RYB	86, 198, 127
Decimal	10339926
CIELab	75.00, -31.09, 50.81
CIELCh	75, 59.561, 121.461
Yxy	48.2781, 0.3569, 0.4811
Android (android.graphics.Color)	4288530006 (0xFF9DC656)
YUV	172.9730, -42.8777, -14.0083
Hunter-Lab	69.4824, -29.5760, 34.7697

Details

The CIELCh color **75, 59.561, 121.461** 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 **46, 66.809, 308.027**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 59.627, 121.367**, and **55, 59.667, 121.272** is the 20% darker color. If you saturate the color by 10%, you get **74, 68.420, 121.239**, and if you desaturate by 10%, it is **76, 49.813, 121.855**.

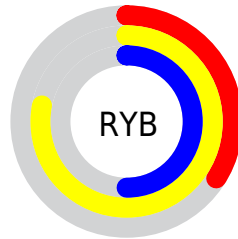
Distribution



Red (62%)

Green (78%)

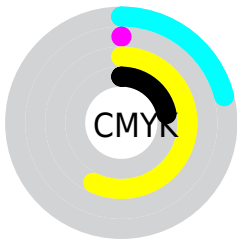
Blue (34%)



Red (34%)

Yellow (78%)

Blue (50%)

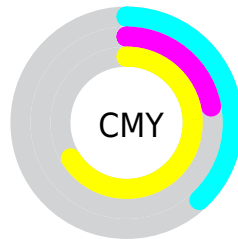


Cyan (21%)

Magenta (0%)

Yellow (57%)

Black (22%)



Cyan (38%)


Magenta (22%)


Yellow (66%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 59.561, 121.461 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 75, 59.561, 121.461 by changing the saturation by 10% instead.


 75, 59.561,
121.461


 75, 59.561,
121.461


 100, 59.561,
121.461


 65, 59.561,
121.461


 95, 59.561,
121.461

 55, 59.561,
121.461

 45, 59.561,
121.461

 35, 59.561,
121.461

 25, 59.561,
121.461

 15, 59.561,
121.461

 5, 59.561, 121.461

0, 59.561, 121.461

75, 59.561,
121.461

75, 59.561,
121.461

74, 68.420,
121.239

76, 49.813,
121.855

74, 75.951,
121.286

76, 39.503,
122.341

73, 81.681,
121.724

77, 28.857,
122.869

73, 85.334,
122.634

78, 18.031,
123.407

73, 86.352,
122.991

79, 7.129, 123.938

80, 3.776, 304.412

81, 14.633,

304.898

■ 83, 25.404,
305.339

■ 84, 31.307,
307.631

Harmonies

Complementary

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



75, 59.561, 121.461



46, 66.809, 308.027

Rectangle

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



75, 59.561, 121.461



75, 59.561, 171.461



75, 59.561, 301.461



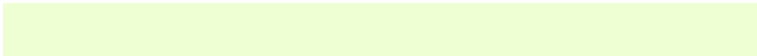
75, 59.561, 351.461

Sweetspot

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



75, 59.562, 121.463



98, 22.742, 123.368



59, 40.952, 53.640



52, 15.207, 123.259



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



75, 59.562, 121.463



93, 85.175, 121.221



72, 68.251, 136.642



42, 6.202, 123.788



61, 74.663, 122.767



12, 21.808, 125.895

Inverse Universe

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



46, 66.809, 308.027



51, 98.599, 308.885



53, 69.016, 322.668



39, 6.309, 304.750



22, 91.772, 309.385



2, 21.945, 301.475

Previews

White Background



This preview shows how the CIELCh color 75, 59.561, 121.461 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 75, 59.561, 121.461 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 75, 59.561, 121.461

Background



This preview shows how black text looks on a background with the CIELCh color 75, 59.561, 121.461.



This preview shows how white text looks on a background with the CIELCh color 75, 59.561, 121.461.

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
75, 59.561, 121.461

Protanopia
75, 53.493, 95.614

Deuteranopia
75, 49.907, 79.032



Tritanopia
75, 9.373, 259.273

Trichromacy



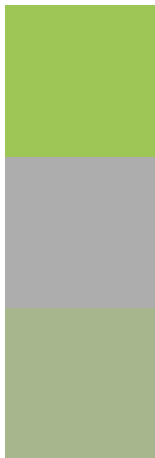
Original Color
75, 59.561, 121.461

Protanomaly
75, 54.359, 105.879

Deuteranomaly
74, 49.213, 96.268

Tritanomaly
75, 18.897, 136.311

Monochromacy



Original Color
75, 59.561, 121.461

Achromatopsia
71, 0.009, 296.813

Achromatomaly
72, 22.890, 123.083

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 59.561, 121.461 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(157, 198, 86)` looks like.

```
.text, #text, p{  
    color:rgb(157, 198, 86)  
}
```

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(157, 198, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 198, 86) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 59.561, 121.461 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(157, 198, 86) }
```

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

```
.border{ border-color:rgb(157, 198, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 198, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 198, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 198, 86);  
box-shadow:4px 4px 4px 4px rgb(157, 198,  
86) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 59.561, 121.461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 198, 86) }
```

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

```
.background{ background-color: rgb(157,  
198, 86) }
```

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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