

Converting Colors

CIELCh(57, 76.257, 129.156)

Have a look what the booklet for
CIELCh(57, 76.257, 129.156)
contains.

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Color

CIELCh(57, 76.050, 129.145)

Conversions

Conversions Part 1

Format	Color
Hex	479B01
RGB	71, 155, 1
RGB Percent	28%, 61%, 0%
CMY	0.7200, 0.3907, 0.9971
CMYK	0.54, 0.00, 1.00, 0.39
HSL	93°, 99%, 31%
HSV	93°, 100%, 61%
XYZ	14.4156, 24.9227, 4.0718
YIQ	112.3280, -0.6300, -65.7020

Conversions

Conversions Part 2

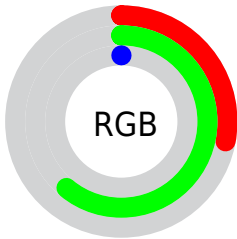
Format	Color
R_{YB}	1, 155, 85
Decimal	4692737
CIE _{Lab}	57.00, -48.01, 58.98
CIE _{LCh}	57, 76.050, 129.145
Yxy	24.9227, 0.3321, 0.5741
Android (android.graphics.Color)	4282882817 (0xFF479B01)
YUV	112.3280, -54.8847, -36.2447
Hunter-Lab	49.9226, -35.8210, 30.1100

Details

The CIELCh color **57, 76.050, 129.145** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **25, 85.078, 313.087**, and the grayscale version is **48, 0.006, 296.813**.

A 20% lighter version of the original color is **77, 75.797, 129.075**, and **37, 61.541, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **57, 76.212, 129.180**, and if you desaturate by 10%, it is **57, 72.561, 128.336**.

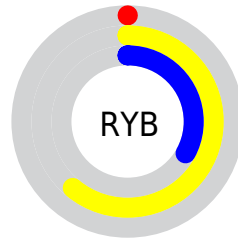
Distribution



Red (28%)

Green (61%)

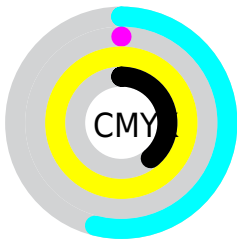
Blue (0%)



Red (0%)

Yellow (61%)

Blue (33%)

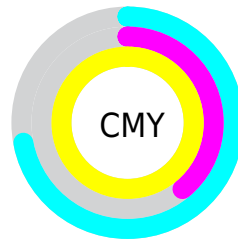


Cyan (54%)

Magenta (0%)

Yellow (100%)

Black (39%)



Cyan (72%)


Magenta (39%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 76.050, 129.145 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 57, 76.050, 129.145 by changing the saturation by 10% instead.


 57, 76.050,
129.145


 57, 76.050,
129.145


 100, 76.050,
129.145


 47, 76.050,
129.145


 77, 76.050,
129.145

 37, 76.050,
129.145

 87, 76.050,
129.145

 27, 76.050,
129.145

 97, 76.050,
129.145

 17, 76.050,
129.145

 7, 76.050, 129.145

 0, 76.050, 129.145

■ 57, 76.050,
129.145

■ 57, 76.050,
129.145

■ 57, 76.212,
129.180

■ 57, 72.561,
128.336

■ 58, 67.663,
127.856

■ 58, 61.251,
127.773

■ 59, 53.699,
127.966

■ 60, 45.369,
128.324

■ 60, 36.544,
128.767

■ 61, 27.427,
129.241

■ 62, 18.160,

129.713

■ 63, 8.843, 130.170

Harmonies

Complementary

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



57, 76.050, 129.145



25, 85.078, 313.087

Rectangle

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



57, 76.050, 129.145



57, 76.050, 179.145



57, 76.050, 309.145



57, 76.050, 359.145

Sweetspot

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



57, 76.050, 129.146



77, 34.430, 129.190



43, 57.808, 64.034



41, 23.640, 129.003



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



57, 76.050, 129.146



72, 92.684, 129.490



56, 81.944, 136.370



32, 5.184, 130.183



52, 70.614, 129.036



3, 5.616, 130.819

Inverse Universe

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



25, 85.078, 313.087



33, 103.579, 312.854



36, 77.699, 329.574



30, 5.246, 310.932



22, 79.069, 313.171



1, 5.595, 310.242

Previews

White Background



This preview shows how the CIELCh color 57, 76.050, 129.145 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 57, 76.050, 129.145 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

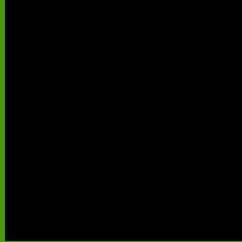
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 57, 76.050, 129.145

Background



This preview shows how black text looks on a background with the CIELCh color 57, 76.050, 129.145.



This preview shows how white text looks on a background with the CIELCh color 57, 76.050, 129.145.

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
57, 75.914, 129.204

Protanopia
56, 61.313, 95.275

Deuteranopia
57, 55.030, 82.432



Tritanopia
57, 17.862, 220.731

Trichromacy



Original Color
57, 75.914, 129.204

Protanomaly
56, 63.811, 111.144

Deuteranomaly
56, 57.840, 105.141

Tritanomaly
56, 36.385, 148.009

Monochromacy



Original Color
57, 75.914, 129.204

Achromatopsia
48, 0.006, 296.813

Achromatomaly
50, 34.364, 128.356

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 76.050, 129.145 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(71, 155, 1)` looks like.

```
.text, #text, p{  
    color:rgb(71, 155, 1)  
}
```

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(71, 155, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 155, 1) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 76.050, 129.145 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(71, 155, 1) }
```

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

```
.border{ border-color:rgb(71, 155, 1) }
```

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

Here you see how a box with a 4 pixel rgb(71, 155, 1) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 155, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 155, 1);  
box-shadow:4px 4px 4px 4px rgb(71, 155, 1)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 57, 76.050, 129.145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 155, 1) }
```

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

```
.background{ background-color: rgb(71, 155,  
1) }
```

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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