

Converting Colors

CIELCh(57, 75.878, 128.453)

Have a look what the booklet for
CIELCh(57, 75.878, 128.453)
contains.

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Color

CIELCh(57, 75.593, 128.550)

Conversions

Conversions Part 1

Format	Color
Hex	4A9B00
RGB	74, 155, 0
RGB Percent	29%, 61%, 0%
CMY	0.7095, 0.3919, 0.9995
CMYK	0.52, 0.00, 1.00, 0.39
HSL	91°, 100%, 30%
HSV	91°, 100%, 61%
XYZ	14.5621, 24.9227, 4.0467
YIQ	113.1110, 1.4790, -65.3770

Conversions

Conversions Part 2

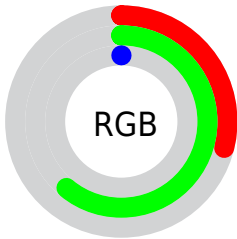
Format	Color
RYB	0, 155, 81
Decimal	4889344
CIELab	57.00, -47.11, 59.12
CIElCh	57, 75.593, 128.550
Yxy	24.9227, 0.3345, 0.5725
Android (android.graphics.Color)	4283079424 (0xFF4A9B00)
YUV	113.1110, -55.7637, -34.3003
Hunter-Lab	49.9226, -35.2974, 30.1399

Details

The CIELCh color **57, 75.593, 128.550** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **24, 85.486, 312.584**, and the grayscale version is **48, 0.006, 296.813**.

A 20% lighter version of the original color is **77, 75.479, 128.619**, and **37, 61.541, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **57, 75.623, 128.558**, and if you desaturate by 10%, it is **57, 72.161, 127.719**.

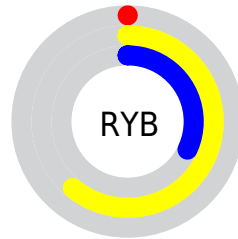
Distribution



Red (29%)

Green (61%)

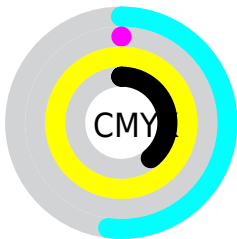
Blue (0%)



Red (0%)

Yellow (61%)

Blue (32%)

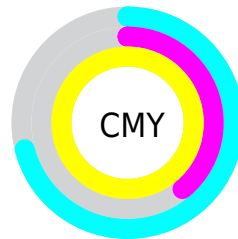


Cyan (52%)

Magenta (0%)

Yellow (100%)

Black (39%)



Cyan (71%)


Magenta (39%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 75.593, 128.550 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, 75.593, 128.550 by changing the saturation by 10% instead.


 57, 75.593,
128.550


 57, 75.593,
128.550


 100, 75.593,
128.550


 47, 75.593,
128.550


 77, 75.593,
128.550

 37, 75.593,
128.550

 87, 75.593,
128.550

 27, 75.593,
128.550

 97, 75.593,
128.550

 17, 75.593,
128.550

 7, 75.593, 128.550

 0, 75.593, 128.550

■ 57, 75.593,
128.550

■ 57, 75.593,
128.550

■ 57, 75.623,
128.558

■ 57, 72.161,
127.719

■ 58, 67.374,
127.205

■ 58, 61.068,
127.094

■ 59, 53.615,
127.266

■ 60, 45.376,
127.611

■ 60, 36.634,
128.046

■ 61, 27.595,
128.517

■ 62, 18.399,

128.991

■ 63, 9.147, 129.451

Harmonies

Complementary

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



57, 75.593, 128.550



24, 85.486, 312.584

Rectangle

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



57, 75.593, 128.550



57, 75.593, 178.550



57, 75.593, 308.550



57, 75.593, 358.550

Sweetspot

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



57, 75.593, 128.551



78, 34.247, 128.485



42, 58.227, 62.545



41, 23.512, 128.299



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, 75.593, 128.551



73, 92.099, 128.874



56, 82.253, 136.188



32, 5.158, 129.482



52, 70.173, 128.414



3, 5.590, 130.137

Inverse Universe

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



24, 85.486, 312.584



32, 104.033, 312.362



36, 78.670, 328.894



30, 5.224, 310.243



21, 79.406, 312.680



1, 5.570, 309.555

Previews

White Background



This preview shows how the CIELCh color 57, 75.593, 128.550 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 CIE LCh color 57, 75.593, 128.550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

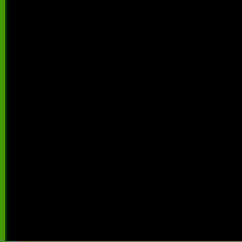
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 75.593, 128.550

Background



This preview shows how black text looks on a background with the CIELCh color 57, 75.593, 128.550.



This preview shows how white text looks on a background with the CIELCh color 57, 75.593, 128.550.

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, 75.593, 128.550

Protanopia
57, 61.385, 94.834

Deuteranopia
57, 55.030, 82.432



Tritanopia
57, 17.334, 221.505

Trichromacy



Original Color
57, 75.593, 128.550

Protanomaly
56, 63.664, 110.343

Deuteranomaly
56, 57.703, 104.198

Tritanomaly
56, 36.379, 146.737

Monochromacy



Original Color
57, 75.593, 128.550

Achromatopsia
48, 0.006, 296.813

Achromatomaly
50, 34.197, 127.733

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 75.593, 128.550 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(74, 155, 0)` looks like.

```
.text, #text, p{  
    color:rgb(74, 155, 0)  
}
```

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(74, 155, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 155, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 75.593, 128.550 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(74, 155, 0) }
```

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

```
.border{ border-color:rgb(74, 155, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 155, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 155, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 155, 0);  
box-shadow:4px 4px 4px 4px rgb(74, 155, 0)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 57, 75.593, 128.550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 155, 0) }
```

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

```
.background{ background-color: rgb(74, 155,  
0) }
```

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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