

Converting Colors

CIELCh(57, 74.856, 128.414)

Have a look what the booklet for
CIELCh(57, 74.856, 128.414)
contains.

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Color

CIELCh(57, 74.879, 128.313)

Conversions

Conversions Part 1

Format	Color
Hex	4C9B03
RGB	76, 155, 3
RGB Percent	30%, 61%, 1%
CMY	0.7027, 0.3928, 0.9895
CMYK	0.51, 0.00, 0.98, 0.39
HSL	91°, 97%, 31%
HSV	91°, 98%, 61%
XYZ	14.6746, 24.9227, 4.1136
YIQ	114.0510, 1.7080, -64.0200

Conversions

Conversions Part 2

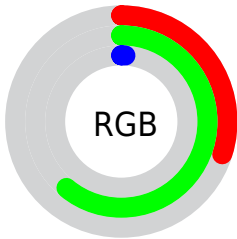
Format	Color
R_{YB}	3, 155, 82
Decimal	5020419
CIE Lab	57.00, -46.42, 58.75
CIE LCh	57, 74.879, 128.313
Yxy	24.9227, 0.3357, 0.5702
Android (android.graphics.Color)	4283210499 (0xFF4C9B03)
YUV	114.0510, -54.7481, -33.3707
Hunter-Lab	49.9226, -34.8950, 30.0604

Details

The CIELCh color **57, 74.879, 128.313** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **24, 84.734, 312.558**, and the grayscale version is **48, 0.006, 296.813**.

A 20% lighter version of the original color is **77, 74.806, 128.291**, and **37, 61.473, 135.936** is the 20% darker color. If you saturate the color by 10%, you get **57, 75.456, 128.445**, and if you desaturate by 10%, it is **57, 71.335, 127.488**.

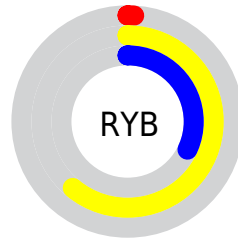
Distribution



Red (30%)

Green (61%)

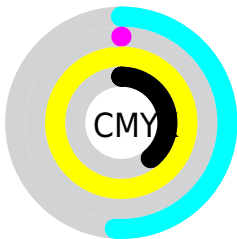
Blue (1%)



Red (1%)

Yellow (61%)

Blue (32%)

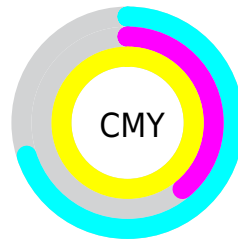


Cyan (51%)

Magenta (0%)

Yellow (98%)

Black (39%)



Cyan (70%)


Magenta (39%)


Yellow (99%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 74.879, 128.313 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, 74.879, 128.313 by changing the saturation by 10% instead.


 57, 74.879,
128.313


 57, 74.879,
128.313


 100, 74.879,
128.313

 47, 74.879,
128.313


 77, 74.879,
128.313

 37, 74.879,
128.313

 87, 74.879,
128.313

 27, 74.879,
128.313

 97, 74.879,
128.313

 17, 74.879,
128.313

 7, 74.879, 128.313

 0, 74.879, 128.313

■ 57, 74.879,
128.313

■ 57, 74.879,
128.313

■ 57, 75.456,
128.445

■ 57, 71.335,
127.488

■ 58, 66.290,
127.045

■ 58, 59.784,
126.987

■ 59, 52.197,
127.193

■ 60, 43.877,
127.556

■ 60, 35.094,
128.000

■ 61, 26.041,
128.473

■ 62, 16.850,

128.946

■ 63, 7.616, 129.403

Harmonies

Complementary

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



57, 74.879, 128.313



24, 84.734, 312.558

Rectangle

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



57, 74.879, 128.313



57, 74.879, 178.313



57, 74.879, 308.313



57, 74.879, 358.313

Sweetspot

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



57, 74.879, 128.314



78, 33.086, 128.411



43, 57.386, 62.863



41, 22.848, 128.221



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, 74.879, 128.314



73, 91.997, 128.764



55, 81.746, 136.265



32, 5.154, 129.361



52, 70.096, 128.304



3, 5.586, 130.019

Inverse Universe

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



24, 84.734, 312.558



32, 104.112, 312.279



37, 78.252, 328.871



30, 5.220, 310.123



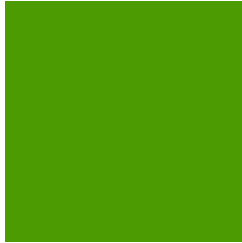
21, 79.464, 312.597



1, 5.566, 309.435

Previews

White Background



This preview shows how the CIELCh color 57, 74.879, 128.313 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, 74.879, 128.313 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

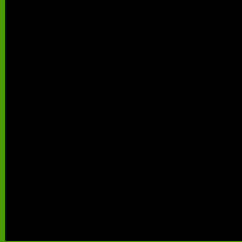
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 74.879, 128.313

Background



This preview shows how black text looks on a background with the CIELCh color 57, 74.879, 128.313.



This preview shows how white text looks on a background with the CIELCh color 57, 74.879, 128.313.

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, 74.879, 128.313

Protanopia
57, 61.385, 94.834

Deuteranopia
57, 55.030, 82.432



Tritanopia
57, 16.924, 219.996

Trichromacy



Original Color
57, 74.879, 128.313

Protanomaly
56, 63.434, 109.974

Deuteranomaly
56, 57.453, 104.230

Tritanomaly
56, 35.710, 146.908

Monochromacy



Original Color
57, 74.879, 128.313

Achromatopsia
48, 0.006, 296.813

Achromatomaly
51, 33.655, 128.110

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 74.879, 128.313 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(76, 155, 3)` looks like.

```
.text, #text, p{  
    color:rgb(76, 155, 3)  
}
```

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(76, 155, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 155, 3) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 74.879, 128.313 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(76, 155, 3) }
```

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

```
.border{ border-color:rgb(76, 155, 3) }
```

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

Here you see how a box with a 4 pixel rgb(76, 155, 3) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 155, 3); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 155, 3);  
box-shadow:4px 4px 4px 4px rgb(76, 155, 3)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 57, 74.879, 128.313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 155, 3) }
```

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

```
.background{ background-color: rgb(76, 155,  
3) }
```

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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