

Converting Colors

CIELCh(54, 76.642, 124.516)

Have a look what the booklet for
CIELCh(54, 76.642, 124.516)
contains.

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Color

CIELCh(54, 71.152, 126.799)

Conversions

Conversions Part 1

Format	Color
Hex	4D9200
RGB	77, 146, 0
RGB Percent	30%, 57%, 0%
CMY	0.6999, 0.4292, 1.0000
CMYK	0.47, 0.00, 1.00, 0.43
HSL	88°, 100%, 29%
HSV	88°, 100%, 57%
XYZ	13.2266, 21.9746, 3.5205
YIQ	108.7250, 5.7420, -60.0340

Conversions

Conversions Part 2

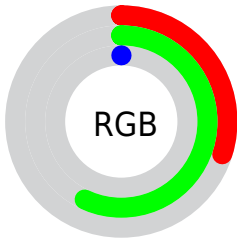
Format	Color
RYB	0, 146, 69
Decimal	5083648
CIELab	54.00, -42.62, 56.97
CIELCh	54, 71.152, 126.799
Yxy	21.9746, 0.3416, 0.5675
Android (android.graphics.Color)	4283273728 (0xFF4D9200)
YUV	108.7250, -53.6014, -27.8228
Hunter-Lab	46.8770, -31.6701, 28.3612

Details

The CIELCh color $54, 71.152, 126.799$ is a dark color, and the websafe version is hex 669900 . A complement of this color would be $21, 82.449, 311.541$, and the grayscale version is $46, 0.006, 296.813$.

A 20% lighter version of the original color is $74, 71.297, 126.859$, and $35, 57.174, 134.759$ is the 20% darker color. If you saturate the color by 10%, you get $54, 71.027, 126.854$, and if you desaturate by 10%, it is $54, 67.725, 126.038$.

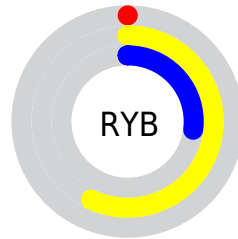
Distribution



Red (30%)

Green (57%)

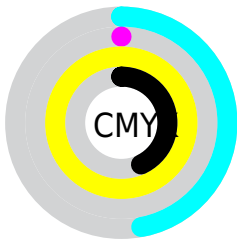
Blue (0%)



Red (0%)

Yellow (57%)

Blue (27%)

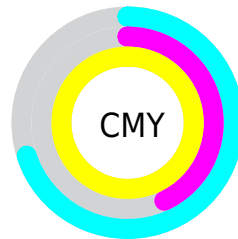


Cyan (47%)

Magenta (0%)

Yellow (100%)

Black (43%)



Cyan (70%)


Magenta (43%)


Yellow (100%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 71.152, 126.799 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 54, 71.152, 126.799 by changing the saturation by 10% instead.


 54, 71.152,
126.799

 54, 71.152,
126.799


 100, 71.152,
126.799


 44, 71.152,
126.799


 74, 71.152,
126.799

 34, 71.152,
126.799

 84, 71.152,
126.799

 24, 71.152,
126.799

 94, 71.152,
126.799

 14, 71.152,
126.799

 4, 71.152, 126.799

 0, 71.152, 126.799

■ 54, 71.152,
126.799

■ 54, 71.152,
126.799

■ 54, 71.027,
126.854

■ 54, 67.725,
126.038

■ 55, 63.225,
125.517

■ 55, 57.310,
125.395

■ 56, 50.327,
125.554

■ 56, 42.612,
125.888

■ 57, 34.428,
126.317

■ 58, 25.962,
126.788

■ 59, 17.345,

127.267

■ 59, 8.667, 127.736

Harmonies

Complementary

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



54, 71.152, 126.799



21, 82.449, 311.541

Rectangle

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



54, 71.152, 126.799



54, 71.152, 176.799



54, 71.152, 306.799



54, 71.152, 356.799

Sweetspot

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



54, 71.027, 126.854



73, 32.078, 126.759



38, 56.700, 58.707



38, 21.778, 126.580



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



54, 71.027, 126.854



69, 86.286, 127.192



52, 78.671, 135.832



31, 4.959, 127.772



51, 68.166, 126.771



2, 4.343, 128.165

Inverse Universe

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



21, 82.449, 311.541



29, 100.074, 311.312



33, 76.216, 326.945



29, 5.028, 308.565



20, 79.144, 311.598



0, 4.344, 308.163

Previews

White Background



This preview shows how the CIELCh color 54, 71.152, 126.799 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 54, 71.152, 126.799 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 54, 71.152, 126.799

Background



This preview shows how black text looks on a background with the CIELCh color 54, 71.152, 126.799.



This preview shows how white text looks on a background with the CIELCh color 54, 71.152, 126.799.

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


54, 71.152, 126.799

Protanopia

54, 58.999, 95.371

Deuteranopia

54, 53.127, 82.470



Tritanopia
54, 15.050, 223.318

Trichromacy



Original Color
54, 71.152, 126.799

Protanomaly
53, 60.916, 109.455

Deuteranomaly
53, 55.665, 103.255

Tritanomaly
53, 33.344, 144.523

Monochromacy



Original Color
54, 71.152, 126.799

Achromatopsia
46, 0.006, 296.813

Achromatomaly
48, 32.266, 126.101

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 71.152, 126.799 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(77, 146, 0)` looks like.

```
.text, #text, p{  
    color:rgb(77, 146, 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(77, 146, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 146, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 71.152, 126.799 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(77, 146, 0) }
```

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

```
.border{ border-color:rgb(77, 146, 0) }
```

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

Here you see how a box with a 4 pixel rgb(77, 146, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 146, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 146, 0);  
box-shadow:4px 4px 4px 4px rgb(77, 146, 0)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 54, 71.152, 126.799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 146, 0) }
```

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

```
.background{ background-color: rgb(77, 146,  
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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