

Converting Colors

CIELCh(54, 71.467, 127.275)

Have a look what the booklet for
CIELCh(54, 71.467, 127.275)
contains.

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Color

CIELCh(54, 71.467, 127.275)

Conversions

Conversions Part 1

Format	Color
Hex	4B9200
RGB	75, 146, 0
RGB Percent	29%, 57%, 0%
CMY	0.7068, 0.4283, 1.0000
CMYK	0.49, 0.00, 1.00, 0.43
HSL	89°, 100%, 29%
HSV	89°, 100%, 57%
XYZ	13.1254, 21.9746, 3.5380
YIQ	108.1270, 4.5500, -60.4580

Conversions

Conversions Part 2

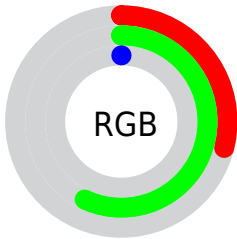
Format	Color
RYB	0, 146, 71
Decimal	4952576
CIELab	54.00, -43.28, 56.87
CIELCh	54, 71.467, 127.275
Yxy	21.9746, 0.3397, 0.5687
Android (android.graphics.Color)	4283142656 (0xFF4B9200)
YUV	108.1270, -53.3066, -29.0524
Hunter-Lab	46.8770, -32.0556, 28.3391

Details

The CIELCh color **54, 71.467, 127.275** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **22, 82.321, 311.822**, and the grayscale version is **46, 0.006, 296.813**.

A 20% lighter version of the original color is **74, 71.609, 127.376**, and **34, 57.119, 135.241** is the 20% darker color. If you saturate the color by 10%, you get **54, 71.407, 127.302**, and if you desaturate by 10%, it is **54, 68.078, 126.492**.

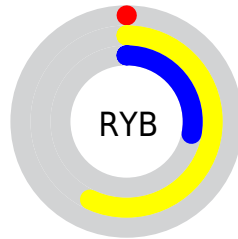
Distribution



Red (29%)

Green (57%)

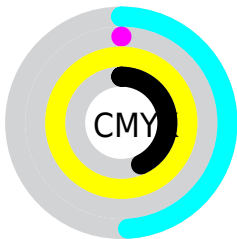
Blue (0%)



Red (0%)

Yellow (57%)

Blue (28%)

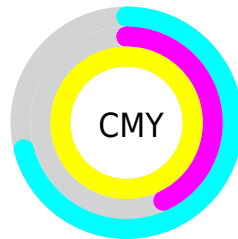


Cyan (49%)

Magenta (0%)

Yellow (100%)

Black (43%)



Cyan (71%)


Magenta (43%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 54, 71.467, 127.275 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, 71.467, 127.275 by changing the saturation by 10% instead.


 54, 71.467,
127.275


 54, 71.467,
127.275


 100, 71.467,
127.275


 44, 71.467,
127.275


 74, 71.467,
127.275

 34, 71.467,
127.275

 84, 71.467,
127.275

 24, 71.467,
127.275

 94, 71.467,
127.275

 14, 71.467,
127.275

 4, 71.467, 127.275

 0, 71.467, 127.275

■ 54, 71.467,
127.275

■ 54, 71.467,
127.275

■ 54, 71.407,
127.302

■ 54, 68.078,
126.492

■ 55, 63.545,
125.975

■ 55, 57.593,
125.857

■ 56, 50.569,
126.019

■ 56, 42.813,
126.355

■ 57, 34.586,
126.784

■ 58, 26.078,
127.254

■ 59, 17.420,

127.730

■ 60, 8.703, 128.195

Harmonies

Complementary

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



54, 71.467, 127.275



22, 82.321, 311.822

Rectangle

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



54, 71.467, 127.275



54, 71.467, 177.275



54, 71.467, 307.275



54, 71.467, 357.275

Sweetspot

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



54, 71.407, 127.302



73, 32.180, 127.225



39, 56.361, 60.012



38, 21.849, 127.047



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, 71.407, 127.302



69, 86.651, 127.637



52, 78.862, 135.924



31, 4.974, 128.231



51, 68.448, 127.217



2, 4.355, 128.619

Inverse Universe

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



22, 82.321, 311.822



29, 99.798, 311.593



34, 76.239, 327.587



29, 5.041, 309.013



20, 78.930, 311.880



0, 4.356, 308.616

Previews

White Background



This preview shows how the CIELCh color 54, 71.467, 127.275 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, 71.467, 127.275 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

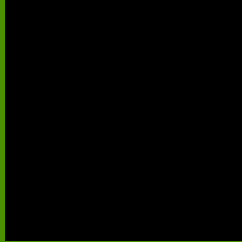
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 71.467, 127.275

Background



This preview shows how black text looks on a background with the CIELCh color 54, 71.467, 127.275.



This preview shows how white text looks on a background with the CIELCh color 54, 71.467, 127.275.

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, 71.467, 127.275

Protanopia

54, 58.999, 95.371

Deuteranopia

54, 52.790, 82.383



Tritanopia
54, 15.327, 222.812

Trichromacy



Original Color
54, 71.467, 127.275

Protanomaly
53, 60.981, 109.882

Deuteranomaly
53, 55.419, 103.774

Tritanomaly
53, 33.570, 144.964

Monochromacy



Original Color
54, 71.467, 127.275

Achromatopsia
46, 0.006, 296.813

Achromatomaly
48, 32.424, 126.785

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 71.467, 127.275 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(75, 146, 0)` looks like.

```
.text, #text, p{  
    color:rgb(75, 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(75, 146, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 146, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 71.467, 127.275 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(75, 146, 0) }
```

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

```
.border{ border-color:rgb(75, 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(75, 146, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 146, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 146, 0);  
box-shadow:4px 4px 4px 4px rgb(75, 146, 0)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 54, 71.467, 127.275 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 146, 0) }
```

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

```
.background{ background-color: rgb(75, 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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