

Converting Colors

CIELCh(54, 67.598, 127.851)

Have a look what the booklet for
CIELCh(54, 67.598, 127.851)
contains.

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Color

CIELCh(54, 67.468, 127.777)

Conversions

Conversions Part 1

Format	Color
Hex	4E9113
RGB	78, 145, 19
RGB Percent	31%, 57%, 7%
CMY	0.6935, 0.4307, 0.9246
CMYK	0.46, 0.00, 0.87, 0.43
HSL	92°, 77%, 32%
HSV	92°, 87%, 57%
XYZ	13.4252, 21.9746, 4.1604
YIQ	110.6030, 0.5140, -53.3900

Conversions

Conversions Part 2

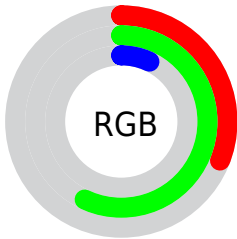
Format	Color
R_{YB}	19, 145, 86
Decimal	5148947
CIE Lab	54.00, -41.33, 53.33
CIE LCh	54, 67.468, 127.777
Yxy	21.9746, 0.3394, 0.5555
Android (android.graphics.Color)	4283339027 (0xFF4E9113)
YUV	110.6030, -45.1603, -28.5928
Hunter-Lab	46.8770, -30.9138, 27.5519

Details

The CIELCh color $54, 67.468, 127.777$ is a dark color, and the websafe version is hex 669900 . A complement of this color would be $25, 75.367, 313.337$, and the grayscale version is $47, 0.006, 296.813$.

A 20% lighter version of the original color is $74, 67.227, 127.820$, and $34, 56.461, 134.362$ is the 20% darker color. If you saturate the color by 10%, you get $54, 71.108, 128.525$, and if you desaturate by 10%, it is $54, 62.357, 127.432$.

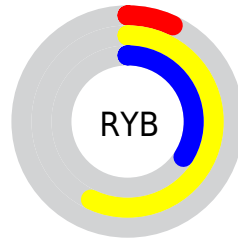
Distribution



Red (31%)

Green (57%)

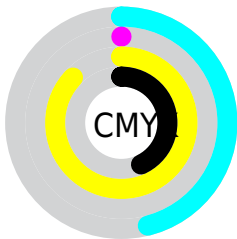
Blue (7%)



Red (7%)

Yellow (57%)

Blue (34%)

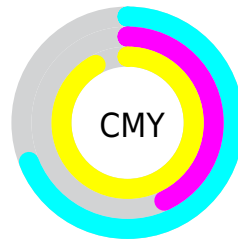


Cyan (46%)

Magenta (0%)

Yellow (87%)

Black (43%)



Cyan (69%)

Magenta (43%)

Yellow (92%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 67.468, 127.777 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, 67.468, 127.777 by changing the saturation by 10% instead.

 54, 67.468,
127.777


 54, 67.468,
127.777

 100, 67.468,
127.777

 44, 67.468,
127.777


 74, 67.468,
127.777

 34, 67.468,
127.777

 84, 67.468,
127.777

 24, 67.468,
127.777

 94, 67.468,
127.777

 14, 67.468,
127.777

 4, 67.468, 127.777

 0, 67.468, 127.777

■ 54, 67.468,
127.777

■ 54, 67.468,
127.777

■ 54, 71.108,
128.525

■ 54, 62.357,
127.432

■ 54, 72.199,
128.752

■ 55, 55.931,
127.442

■ 56, 48.550,
127.689

■ 56, 40.529,
128.074

■ 57, 32.108,
128.525

■ 58, 23.458,
128.998

■ 59, 14.696,
129.465

■ 60, 5.908, 129.916

Harmonies

Complementary

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



54, 67.468, 127.777



25, 75.367, 313.337

Rectangle

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



54, 67.468, 127.777



54, 67.468, 177.777



54, 67.468, 307.777



54, 67.468, 357.777

Sweetspot

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



54, 67.468, 127.778



73, 28.242, 129.008



42, 49.549, 65.537



38, 19.069, 128.863



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, 67.468, 127.778



68, 87.904, 129.087



52, 74.409, 137.000



30, 4.881, 129.808



50, 68.469, 128.645



2, 3.299, 130.179

Inverse Universe

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



25, 75.367, 313.337



30, 98.837, 312.634



35, 71.879, 328.680



28, 4.941, 310.553



21, 77.123, 312.941



0, 3.299, 310.177

Previews

White Background



This preview shows how the CIELCh color 54, 67.468, 127.777 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, 67.468, 127.777 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

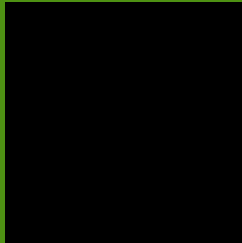
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 67.468, 127.777

Background



This preview shows how black text looks on a background with the CIELCh color 54, 67.468, 127.777.



This preview shows how white text looks on a background with the CIELCh color 54, 67.468, 127.777.

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, 67.468, 127.777

Protanopia

54, 56.451, 95.356

Deuteranopia

54, 51.169, 82.486



Tritanopia
54, 14.772, 223.846

Trichromacy



Original Color
54, 67.468, 127.777

Protanomaly
53, 57.989, 109.636

Deuteranomaly
53, 52.079, 103.128

Tritanomaly
54, 29.701, 147.980

Monochromacy



Original Color
54, 67.468, 127.777

Achromatopsia
47, 0.006, 296.813

Achromatomaly
49, 27.931, 128.606

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 67.468, 127.777 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(78, 145, 19)` looks like.

```
.text, #text, p{  
    color:rgb(78, 145, 19)  
}
```

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(78, 145, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 145, 19) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 67.468, 127.777 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(78, 145, 19) }
```

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

```
.border{ border-color:rgb(78, 145, 19) }
```

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

Here you see how a box with a 4 pixel rgb(78, 145, 19) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 145, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 145, 19);  
box-shadow:4px 4px 4px 4px rgb(78, 145,  
19) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 67.468, 127.777 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 145, 19) }
```

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

```
.background{ background-color: rgb(78, 145,  
19) }
```

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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