

Converting Colors

CIELCh(67, 54.569, 117.532)

Have a look what the booklet for
CIELCh(67, 54.569, 117.532)
contains.

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Color

CIELCh(67, 54.749, 117.442)

Conversions

Conversions Part 1

Format	Color
Hex	92AE47
RGB	146, 174, 71
RGB Percent	57%, 68%, 28%
CMY	0.4291, 0.3193, 0.7231
CMYK	0.16, 0.00, 0.59, 0.32
HSL	76°, 42%, 48%
HSV	76°, 59%, 68%
XYZ	27.9583, 36.6320, 11.4914
YIQ	153.8860, 16.3750, -37.9690

Conversions

Conversions Part 2

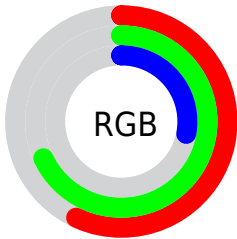
Format	Color
RYB	71, 174, 99
Decimal	9612871
CIELab	67.00, -25.23, 48.59
CIElCh	67, 54.749, 117.442
Yxy	36.6320, 0.3675, 0.4815
Android (android.graphics.Color)	4287802951 (0xFF92AE47)
YUV	153.8860, -40.8628, -6.9160
Hunter-Lab	60.5244, -23.4622, 31.1100

Details

The CIELCh color **67, 54.749, 117.442** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **38, 63.012, 305.654**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **87, 55.035, 117.530**, and **47, 54.815, 117.435** is the 20% darker color. If you saturate the color by 10%, you get **67, 62.239, 117.194**, and if you desaturate by 10%, it is **68, 46.372, 117.871**.

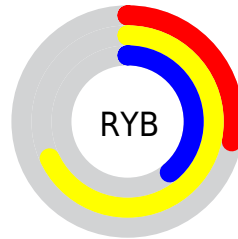
Distribution



Red (57%)

Green (68%)

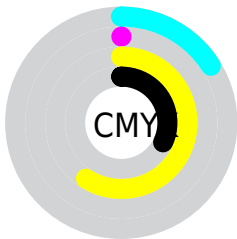
Blue (28%)



Red (28%)

Yellow (68%)

Blue (39%)

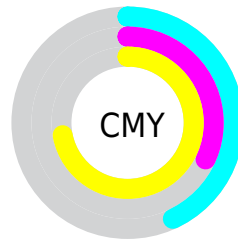


Cyan (16%)

Magenta (0%)

Yellow (59%)

Black (32%)



Cyan (43%)

Magenta (32%)

Yellow (72%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 54.749, 117.442 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 67, 54.749, 117.442 by changing the saturation by 10% instead.

 67, 54.749,
117.442

 67, 54.749,
117.442

 100, 54.749,
117.442


 57, 54.749,
117.442


 87, 54.749,
117.442

 47, 54.749,
117.442

 97, 54.749,
117.442

 37, 54.749,
117.442

 27, 54.749,
117.442

 17, 54.749,
117.442

 7, 54.749, 117.442

 0, 54.749, 117.442

67, 54.749,
117.442

67, 54.749,
117.442

67, 62.239,
117.194

68, 46.372,
117.871

66, 68.434,
117.218

68, 37.420,
118.403

66, 72.924,
117.616

69, 28.115,
118.989

65, 75.766,
118.382

69, 18.605,
119.596

65, 75.946,
118.433

70, 8.991, 120.200

71, 0.659, 300.731

72, 10.299,
301.339

73, 19.892,
301.870

■ 74, 29.416,
302.366

Harmonies

Complementary

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



67, 54.749, 117.442



38, 63.012, 305.654

Rectangle

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



67, 54.749, 117.442



67, 54.749, 167.442



67, 54.749, 297.442



67, 54.749, 347.442

Sweetspot

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



67, 54.750, 117.444



88, 21.359, 119.657



50, 40.074, 45.943



46, 14.811, 119.485



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



67, 54.750, 117.444



84, 77.753, 117.168



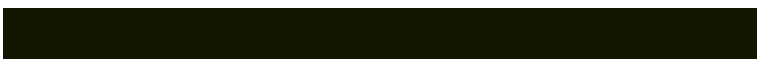
64, 62.512, 134.515



36, 5.453, 120.202



57, 68.297, 118.278



7, 11.721, 123.976

Inverse Universe

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



38, 63.012, 305.654



42, 93.187, 306.879



44, 64.169, 320.134



34, 5.557, 301.312



19, 87.844, 308.118



1, 11.501, 298.831

Previews

White Background



This preview shows how the CIELCh color 67, 54.749, 117.442 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 67, 54.749, 117.442 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 ✓ Pass

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

CIELCh 67, 54.749, 117.442

Background



This preview shows how black text looks on a background with the CIELCh color 67, 54.749, 117.442.

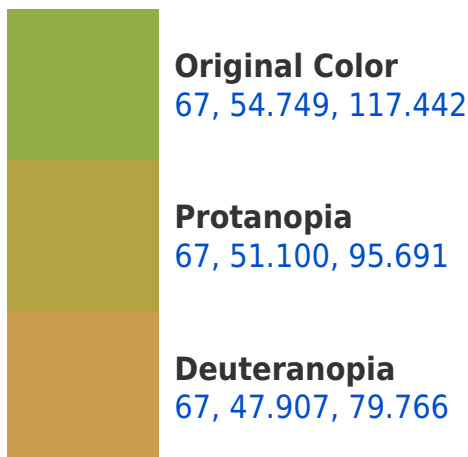


This preview shows how white text looks on a background with the CIELCh color 67, 54.749, 117.442.

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





Tritanopia
67, 7.377, 276.622

Trichromacy



Original Color
67, 54.749, 117.442

Protanomaly
67, 51.625, 104.267

Deuteranomaly
67, 47.553, 94.871

Tritanomaly
67, 16.883, 127.687

Monochromacy



Original Color
67, 54.749, 117.442

Achromatopsia
63, 0.008, 296.813

Achromatomaly
64, 20.801, 119.305

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 54.749, 117.442 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(146, 174, 71)` looks like.

```
.text, #text, p{  
    color:rgb(146, 174, 71)  
}
```

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(146, 174, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 174, 71) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 54.749, 117.442 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(146, 174, 71) }
```

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

```
.border{ border-color:rgb(146, 174, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 174, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 174, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 174, 71);  
box-shadow:4px 4px 4px 4px rgb(146, 174,  
71) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 54.749, 117.442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 174, 71) }
```

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

```
.background{ background-color: rgb(146,  
174, 71) }
```

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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