

Converting Colors

CIELCh(67, 60.827, 114.691)

Have a look what the booklet for
CIELCh(67, 60.827, 114.691)
contains.

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Color

CIELCh(67, 60.614, 114.476)

Conversions

Conversions Part 1

Format	Color
Hex	94AD37
RGB	148, 173, 55
RGB Percent	58%, 68%, 22%
CMY	0.4182, 0.3202, 0.7829
CMYK	0.14, 0.00, 0.68, 0.32
HSL	73°, 52%, 45%
HSV	73°, 68%, 68%
XYZ	27.9881, 36.6320, 9.2550
YIQ	152.0730, 22.9780, -41.9980

Conversions

Conversions Part 2

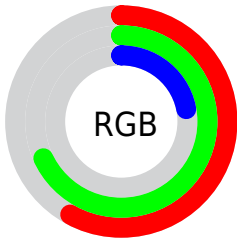
Format	Color
RYB	55, 173, 80
Decimal	9743671
CIELab	67.00, -25.11, 55.17
CIELCh	67, 60.614, 114.476
Yxy	36.6320, 0.3789, 0.4959
Android (android.graphics.Color)	4287933751 (0xFF94AD37)
YUV	152.0730, -47.8570, -3.5720
Hunter-Lab	60.5244, -23.3744, 33.3008

Details

The CIELCh color **67, 60.614, 114.476** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **33, 72.708, 305.157**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **87, 60.550, 114.139**, and **47, 57.506, 115.529** is the 20% darker color. If you saturate the color by 10%, you get **67, 66.846, 114.368**, and if you desaturate by 10%, it is **67, 53.128, 114.829**.

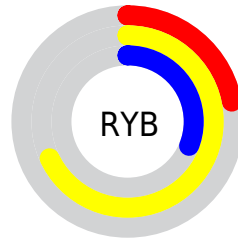
Distribution



Red (58%)

Green (68%)

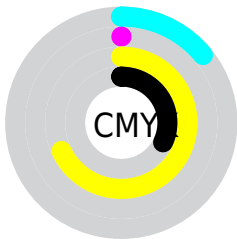
Blue (22%)



Red (22%)

Yellow (68%)

Blue (31%)

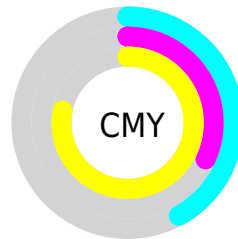


Cyan (14%)

Magenta (0%)

Yellow (68%)

Black (32%)



Cyan (42%)

Magenta (32%)


Yellow (78%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 60.614, 114.476 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, 60.614, 114.476 by changing the saturation by 10% instead.


 67, 60.614,
114.476


 67, 60.614,
114.476


 100, 60.614,
114.476


 57, 60.614,
114.476


 87, 60.614,
114.476

 47, 60.614,
114.476

 97, 60.614,
114.476

 37, 60.614,
114.476

 27, 60.614,
114.476

 17, 60.614,
114.476

 7, 60.614, 114.476

 0, 60.614, 114.476

■ 67, 60.614,
114.476

■ 67, 60.614,
114.476

■ 67, 66.846,
114.368

■ 67, 53.128,
114.829

■ 66, 71.401,
114.591

■ 68, 44.787,
115.338

■ 66, 74.185,
115.177

■ 68, 35.895,
115.940

■ 66, 74.663,
115.297

■ 69, 26.665,
116.591

■ 70, 17.238,
117.260

■ 70, 7.708, 117.926

■ 71, 1.861, 298.565

■ 72, 11.424,
299.193

■ 73, 20.950,
299.784

Harmonies

Complementary

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



67, 60.614, 114.476



33, 72.708, 305.157

Rectangle

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



67, 60.614, 114.476



67, 60.614, 164.476



67, 60.614, 294.476



67, 60.614, 344.476

Sweetspot

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



67, 60.615, 114.478



88, 23.524, 117.107



45, 48.982, 41.109



46, 16.012, 116.926



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, 60.615, 114.478



84, 84.291, 114.440



64, 68.809, 132.427



36, 5.411, 117.844



58, 67.228, 115.168



7, 11.593, 121.312

Inverse Universe

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



33, 72.708, 305.157



35, 106.640, 306.695



40, 71.833, 318.228



34, 5.520, 299.086



18, 88.632, 307.476



1, 11.445, 296.941

Previews

White Background



This preview shows how the CIELCh color 67, 60.614, 114.476 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 CIELCh color 67, 60.614, 114.476 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, 60.614, 114.476

Background



This preview shows how black text looks on a background with the CIELCh color 67, 60.614, 114.476.



This preview shows how white text looks on a background with the CIELCh color 67, 60.614, 114.476.

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

67, 60.614, 114.476

Protanopia

67, 57.073, 95.488

Deuteranopia

67, 54.450, 81.001



Tritanopia
67, 7.193, 288.004

Trichromacy



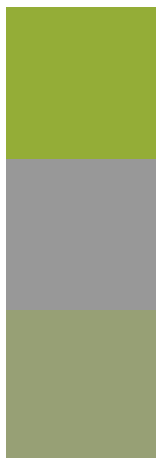
Original Color
67, 60.614, 114.476

Protanomaly
67, 57.539, 102.814

Deuteranomaly
67, 53.985, 94.357

Tritanomaly
67, 19.604, 120.040

Monochromacy



Original Color
67, 60.614, 114.476

Achromatopsia
63, 0.008, 296.813

Achromatomaly
64, 23.928, 116.577

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 60.614, 114.476 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(148, 173, 55)` looks like.

```
.text, #text, p{  
    color:rgb(148, 173, 55)  
}
```

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(148, 173, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 173, 55) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 60.614, 114.476 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(148, 173, 55) }
```

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

```
.border{ border-color:rgb(148, 173, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 173, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 173, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 173, 55);  
box-shadow:4px 4px 4px 4px rgb(148, 173,  
55) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 60.614, 114.476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 173, 55) }
```

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

```
.background{ background-color: rgb(148,  
173, 55) }
```

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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