

Converting Colors

CIELCh(67, 59.909, 115.500)

Have a look what the booklet for
CIELCh(67, 59.909, 115.500)
contains.

CIELCh(67, 60.024, 115.475)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(67, 60.024, 115.475)

Conversions

Conversions Part 1

Format	Color
Hex	93AE3A
RGB	147, 174, 58
RGB Percent	58%, 68%, 23%
CMY	0.4247, 0.3188, 0.7737
CMYK	0.16, 0.00, 0.67, 0.32
HSL	74°, 50%, 45%
HSV	74°, 67%, 68%
XYZ	27.8107, 36.6320, 9.5676
YIQ	152.7030, 21.1440, -41.8000

Conversions

Conversions Part 2

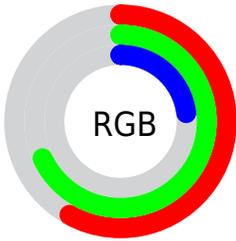
Format	Color
RYB	58, 174, 85
Decimal	9678394
CIELab	67.00, -25.82, 54.19
CIElCh	67, 60.024, 115.475
Yxy	36.6320, 0.3758, 0.4950
Android (android.graphics.Color)	4287868474 (0xFF93AE3A)
YUV	152.7030, -46.6886, -5.0015
Hunter-Lab	60.5244, -23.8975, 32.9946

Details

The CIELCh color **67, 60.024, 115.475** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **34, 71.353, 305.479**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **87, 60.353, 115.752**, and **47, 58.057, 116.292** is the 20% darker color. If you saturate the color by 10%, you get **67, 66.498, 115.365**, and if you desaturate by 10%, it is **67, 52.355, 115.825**.

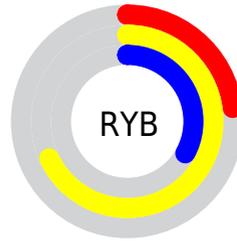
Distribution



Red (58%)

Green (68%)

Blue (23%)



Red (23%)

Yellow (68%)

Blue (33%)

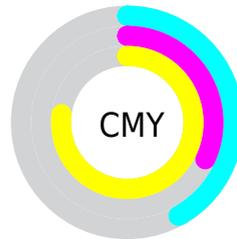


Cyan (16%)

Magenta (0%)

Yellow (67%)

Black (32%)



Cyan (42%)

Magenta (32%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 60.024, 115.475 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, 60.024, 115.475 by changing the saturation by 10% instead.

 67, 60.024,
115.475

 67, 60.024,
115.475

 100, 60.024,
115.475

 57, 60.024,
115.475

 87, 60.024,
115.475

 47, 60.024,
115.475

 97, 60.024,
115.475

 37, 60.024,
115.475

 27, 60.024,
115.475

 17, 60.024,
115.475

 7, 60.024, 115.475

 0, 60.024, 115.475

■ 67, 60.024,
115.475

■ 67, 60.024,
115.475

■ 67, 66.498,
115.365

■ 67, 52.355,
115.825

■ 66, 71.348,
115.586

■ 68, 43.878,
116.325

■ 66, 74.359,
116.199

■ 68, 34.884,
116.913

■ 66, 75.172,
116.421

■ 69, 25.576,
117.545

■ 70, 16.087,
118.192

■ 70, 6.507, 118.834

■ 71, 3.101, 299.445

■ 72, 12.696,
300.044

■ 73, 22.247,
300.608

Harmonies

Complementary

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



67, 60.024, 115.475



34, 71.353, 305.479

Rectangle

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



67, 60.024, 115.475



67, 60.024, 165.475



67, 60.024, 295.475



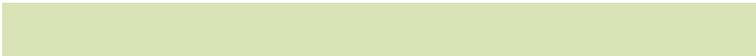
67, 60.024, 345.475

Sweetspot

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



67, 60.025, 115.477



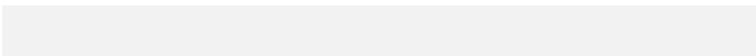
88, 23.804, 117.961



46, 47.504, 42.215



47, 16.354, 117.782



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



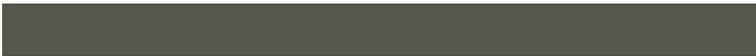
67, 60.025, 115.477



85, 84.228, 115.421



64, 68.184, 132.900



36, 5.425, 118.673



58, 67.580, 116.281



7, 11.636, 122.269

Inverse Universe

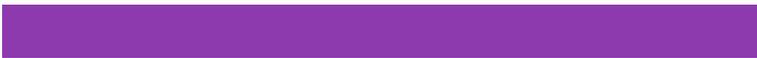
The Inverse Universe completely reimagines the original color for something new.



34, 71.353, 305.479



37, 105.196, 306.882



41, 70.854, 318.723



34, 5.532, 299.867



18, 88.372, 307.683



1, 11.463, 297.604

Previews

White Background



This preview shows how the CIELCh color 67, 60.024, 115.475 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, 60.024, 115.475 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, 60.024, 115.475

Background



This preview shows how black text looks on a background with the CIELCh color 67, 60.024, 115.475.



This preview shows how white text looks on a background with the CIELCh color 67, 60.024, 115.475.

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, 60.024, 115.475

Protanopia
67, 56.279, 95.458

Deuteranopia
67, 53.399, 81.174



Tritanopia
67, 7.255, 282.226

Trichromacy



Original Color
67, 60.024, 115.475

Protanomaly
67, 56.733, 103.330

Deuteranomaly
67, 53.042, 94.779

Tritanomaly
66, 19.168, 121.564

Monochromacy



Original Color
67, 60.024, 115.475

Achromatopsia
63, 0.008, 296.813

Achromatomaly
64, 23.469, 117.805

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 60.024, 115.475 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(147, 174, 58)` looks like.

```
.text, #text, p{  
    color:rgb(147, 174, 58)  
}
```

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(147, 174, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 174, 58) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 60.024, 115.475 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(147, 174, 58) }
```

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

```
.border{ border-color:rgb(147, 174, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 174, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 174, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 174, 58);  
box-shadow:4px 4px 4px 4px rgb(147, 174,  
58) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 60.024, 115.475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 174, 58) }
```

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

```
.background{ background-color: rgb(147,  
174, 58) }
```

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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