

Converting Colors

CIELCh(67, 42.756, 119.942)

Have a look what the booklet for
CIELCh(67, 42.756, 119.942)
contains.

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Color

CIELCh(67, 42.829, 119.565)

Conversions

Conversions Part 1

Format	Color
Hex	94AC5E
RGB	148, 172, 94
RGB Percent	58%, 67%, 37%
CMY	0.4194, 0.3253, 0.6312
CMYK	0.14, 0.00, 0.45, 0.33
HSL	78°, 32%, 52%
HSV	78°, 45%, 67%
XYZ	29.0050, 36.6320, 16.1419
YIQ	155.9320, 10.7340, -29.3460

Conversions

Conversions Part 2

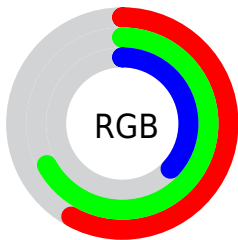
Format	Color
RYB	94, 172, 118
Decimal	9743454
CIELab	67.00, -21.13, 37.25
CIElCh	67, 42.829, 119.565
Yxy	36.6320, 0.3547, 0.4479
Android (android.graphics.Color)	4287933534 (0xFF94AC5E)
YUV	155.9320, -30.5325, -6.9564
Hunter-Lab	60.5244, -20.3754, 26.5544

Details

The CIELCh color $67, 42.829, 119.565$ is a dark color, and the websafe version is hex 999933 . A complement of this color would be $45, 47.109, 305.347$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 42.522, 119.575$, and $47, 42.956, 119.462$ is the 20% darker color. If you saturate the color by 10%, you get $66, 51.486, 119.121$, and if you desaturate by 10%, it is $68, 33.709, 120.095$.

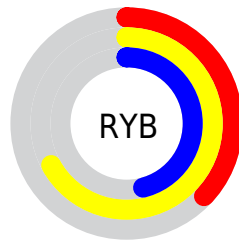
Distribution



Red (58%)

Green (67%)

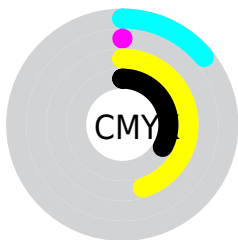
Blue (37%)



Red (37%)

Yellow (67%)

Blue (46%)

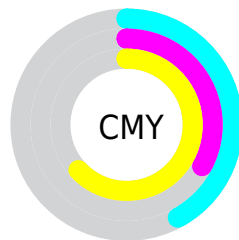


Cyan (14%)

Magenta (0%)

Yellow (45%)

Black (33%)



Cyan (42%)


Magenta (33%)


Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 42.829, 119.565 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, 42.829, 119.565 by changing the saturation by 10% instead.

 67, 42.829,
119.565

 67, 42.829,
119.565


 100, 42.829,
119.565


 57, 42.829,
119.565

 87, 42.829,
119.565

 47, 42.829,
119.565

 97, 42.829,
119.565

 37, 42.829,
119.565

 27, 42.829,
119.565

 17, 42.829,
119.565

 7, 42.829, 119.565

 0, 42.829, 119.565

67, 42.829,
119.565

67, 42.829,
119.565

66, 51.486,
119.121

68, 33.709,
120.095

66, 59.404,
118.823

68, 24.308,
120.662

65, 66.217,
118.764

69, 14.755,
121.237

65, 71.503,
119.052

70, 5.134, 121.807

65, 74.961,
119.774

71, 4.496, 302.330

65, 76.249,
120.173

72, 14.092,
302.850

73, 23.624,
303.333

74, 33.071,
303.780

■ 75, 42.416,
304.194

Harmonies

Complementary

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



67, 42.829, 119.565



45, 47.109, 305.347

Rectangle

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



67, 42.829, 119.565



67, 42.829, 169.565



67, 42.829, 299.565



67, 42.829, 349.565

Sweetspot

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



67, 42.830, 119.567



88, 16.718, 121.300



54, 28.465, 49.203



46, 11.524, 121.180



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, 42.830, 119.567



85, 62.401, 119.135



65, 48.920, 136.258



36, 5.482, 121.582



57, 69.013, 120.016



7, 11.804, 125.454

Inverse Universe

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



45, 47.109, 305.347



53, 70.421, 306.207



50, 49.826, 320.738



34, 5.583, 302.623



19, 87.317, 308.577



1, 11.541, 299.945

Previews

White Background



This preview shows how the CIELCh color 67, 42.829, 119.565 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, 42.829, 119.565 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

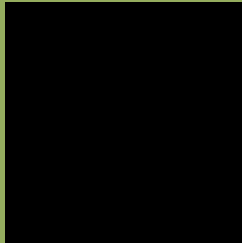
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 42.829, 119.565

Background



This preview shows how black text looks on a background with the CIELCh color 67, 42.829, 119.565.



This preview shows how white text looks on a background with the CIELCh color 67, 42.829, 119.565.

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](#).

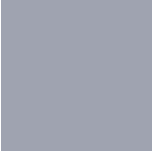
Dichromacy



Original Color
67, 42.829, 119.565

Protanopia
67, 39.472, 95.792

Deuteranopia
67, 36.722, 76.465



Tritanopia
67, 7.304, 279.392

Trichromacy



Original Color
67, 42.829, 119.565

Protanomaly
67, 39.698, 104.737

Deuteranomaly
66, 35.682, 93.724

Tritanomaly
67, 11.841, 130.294

Monochromacy



Original Color
67, 42.829, 119.565

Achromatopsia
64, 0.008, 296.813

Achromatomaly
65, 16.396, 121.198

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 42.829, 119.565 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, 172, 94)` looks like.

```
.text, #text, p{  
    color:rgb(148, 172, 94)  
}
```

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, 172, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 172, 94) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 42.829, 119.565 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, 172, 94) }
```

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

```
.border{ border-color:rgb(148, 172, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 172, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 172, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 172, 94);  
box-shadow:4px 4px 4px 4px rgb(148, 172,  
94) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 42.829, 119.565 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 172, 94) }
```

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

```
.background{ background-color: rgb(148,  
172, 94) }
```

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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