

Converting Colors

CIELCh(69, 54.705, 147.029)

Have a look what the booklet for
CIELCh(69, 54.705, 147.029)
contains.

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Color

CIELCh(69, 54.705, 147.029)

Conversions

Conversions Part 1

Format	Color
Hex	58BC70
RGB	88, 188, 112
RGB Percent	35%, 74%, 44%
CMY	0.6538, 0.2617, 0.5598
CMYK	0.53, 0.00, 0.40, 0.26
HSL	134°, 43%, 54%
HSV	134°, 53%, 74%
XYZ	25.0294, 39.3444, 21.6761
YIQ	149.4360, -35.2040, -44.8360

Conversions

Conversions Part 2

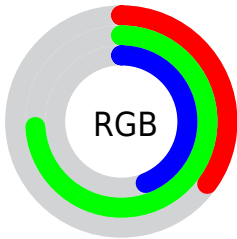
Format	Color
RYB	88, 169, 188
Decimal	5815408
CIELab	69.00, -45.89, 29.77
CIElCh	69, 54.705, 147.029
Yxy	39.3444, 0.2909, 0.4572
Android (android.graphics.Color)	4284005488 (0xFF58BC70)
YUV	149.4360, -18.4559, -53.8794
Hunter-Lab	62.7251, -38.5415, 23.4186

Details

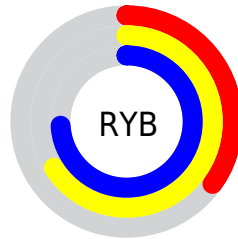
The CIELCh color **69, 54.705, 147.029** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **52, 54.638, 335.720**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 54.448, 147.098**, and **49, 54.708, 147.022** is the 20% darker color. If you saturate the color by 10%, you get **68, 63.712, 145.624**, and if you desaturate by 10%, it is **70, 45.003, 148.265**.

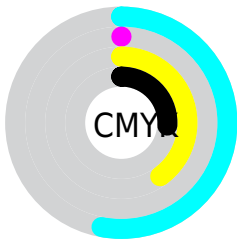
Distribution



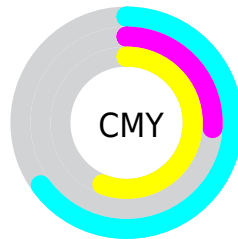
- Red (35%)
- Green (74%)
- Blue (44%)



- Red (35%)
- Yellow (66%)
- Blue (74%)



- Cyan (53%)
- Magenta (0%)
- Yellow (40%)
- Black (26%)




- Cyan (65%)
- Magenta (26%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 54.705, 147.029 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 69, 54.705, 147.029 by changing the saturation by 10% instead.

 69, 54.705,
147.029

 69, 54.705,
147.029


 100, 54.705,
147.029


 59, 54.705,
147.029


 89, 54.705,
147.029

 49, 54.705,
147.029

 99, 54.705,
147.029

 39, 54.705,
147.029

 29, 54.705,
147.029

 19, 54.705,
147.029

 9, 54.705, 147.029

 0, 54.705, 147.029

■ 69, 54.705,
147.029

■ 69, 54.705,
147.029

■ 68, 63.712,
145.624

■ 70, 45.003,
148.265

■ 68, 71.809,
144.054

■ 71, 34.820,
149.340

■ 67, 78.805,
142.353

■ 73, 24.356,
150.272

■ 67, 84.552,
140.587

■ 74, 13.785,
151.084

■ 67, 87.815,
139.454

■ 76, 3.247, 151.853

■ 78, 7.151, 332.322

■ 80, 17.333,
332.879

■ 82, 27.248,
333.354

■ 84, 36.265,
332.535

Harmonies

Complementary

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



69, 54.705, 147.029



52, 54.638, 335.720

Rectangle

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



69, 54.705, 147.029



69, 54.705, 197.029



69, 54.705, 327.029



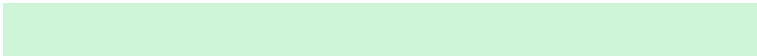
69, 54.705, 17.029

Sweetspot

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



69, 54.706, 147.029



93, 20.846, 150.840



73, 52.639, 116.000



49, 14.076, 150.675



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



69, 54.706, 147.029



86, 79.592, 145.333



70, 36.067, 172.632



39, 5.957, 151.367



57, 76.718, 139.704



9, 19.266, 149.318

Inverse Universe

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



52, 54.638, 335.720



62, 78.283, 336.741



51, 43.175, 5.762



37, 5.980, 332.522



35, 67.397, 340.489



3, 16.971, 336.383

Previews

White Background



This preview shows how the CIE LCh color 69, 54.705, 147.029 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 69, 54.705, 147.029 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

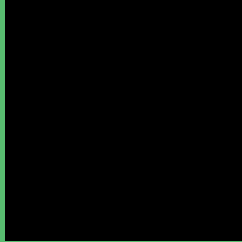
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 54.705, 147.029

Background



This preview shows how black text looks on a background with the CIELCh color 69, 54.705, 147.029.



This preview shows how white text looks on a background with the CIELCh color 69, 54.705, 147.029.

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
69, 54.705, 147.029

Protanopia
68, 34.676, 95.874

Deuteranopia
68, 28.260, 71.691



Tritanopia
69, 23.337, 217.184

Trichromacy



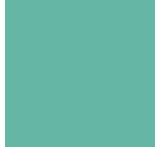
Original Color
69, 54.705, 147.029



Protanomaly
68, 38.172, 123.447



Deuteranomaly
68, 29.081, 116.209



Tritanomaly
69, 29.225, 177.166

Monochromacy



Original Color
69, 54.705, 147.029



Achromatopsia
62, 0.008, 296.813



Achromatomaly
64, 20.941, 149.770

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 54.705, 147.029 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(88, 188, 112)` looks like.

```
.text, #text, p{  
    color:rgb(88, 188, 112)  
}
```

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(88, 188, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 188, 112) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 54.705, 147.029 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(88, 188, 112) }
```

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

```
.border{ border-color:rgb(88, 188, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 188, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 188, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 188, 112);  
box-shadow:4px 4px 4px 4px rgb(88, 188,  
112) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 54.705, 147.029 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 188, 112) }
```

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

```
.background{ background-color: rgb(88, 188,  
112) }
```

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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