

Converting Colors

CIELCh(69, 57.826, 140.790)

Have a look what the booklet for
CIELCh(69, 57.826, 140.790)
contains.

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Color

CIELCh(69, 58.096, 140.682)

Conversions

Conversions Part 1

Format	Color
Hex	63BC63
RGB	99, 188, 99
RGB Percent	39%, 74%, 39%
CMY	0.6131, 0.2641, 0.6130
CMYK	0.47, 0.00, 0.47, 0.26
HSL	120°, 40%, 56%
HSV	120°, 47%, 74%
XYZ	25.2524, 39.3444, 17.9876
YIQ	151.2430, -24.4750, -46.5470

Conversions

Conversions Part 2

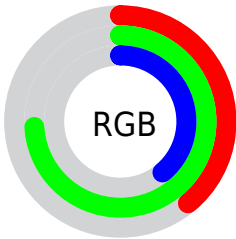
Format	Color
RYB	99, 188, 188
Decimal	6536291
CIELab	69.00, -44.95, 36.81
CIElCh	69, 58.096, 140.682
Yxy	39.3444, 0.3058, 0.4764
Android (android.graphics.Color)	4284726371 (0xFF63BC63)
YUV	151.2430, -25.7558, -45.8171
Hunter-Lab	62.7251, -37.9068, 26.9051

Details

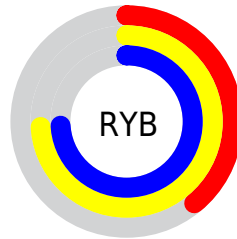
The CIELCh color **69, 58.096, 140.682** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **55, 57.852, 326.918**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 58.229, 140.586**, and **49, 57.917, 140.741** is the 20% darker color. If you saturate the color by 10%, you get **68, 68.913, 139.579**, and if you desaturate by 10%, it is **70, 46.395, 141.697**.

Distribution



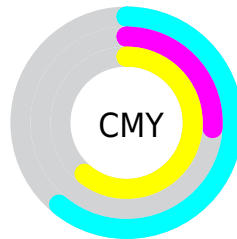
- Red (39%)
- Green (74%)
- Blue (39%)



- Red (39%)
- Yellow (74%)
- Blue (74%)



- Cyan (47%)
- Magenta (0%)
- Yellow (47%)
- Black (26%)




- Cyan (61%)
- Magenta (26%)
- Yellow (61%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 58.096, 140.682 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, 58.096, 140.682 by changing the saturation by 10% instead.

 69, 58.096,
140.682


 69, 58.096,
140.682


 100, 58.096,
140.682


 59, 58.096,
140.682

 89, 58.096,
140.682

 49, 58.096,
140.682

 99, 58.096,
140.682

 39, 58.096,
140.682

 29, 58.096,
140.682

 19, 58.096,
140.682

 9, 58.096, 140.682

 0, 58.096, 140.682

69, 58.096,
140.682

69, 58.096,
140.682

68, 68.913,
139.579

70, 46.395,
141.697

67, 78.411,
138.450

71, 34.165,
142.596

67, 86.100,
137.408

73, 21.692,
143.375

67, 91.513,
136.597

75, 9.196, 144.052

77, 3.164, 324.509

66, 94.503,
136.119

79, 15.276,
325.045

66, 95.113,
136.019

81, 27.068,
325.454

83, 38.498,
325.797

■ 84, 42.219,
325.888

Harmonies

Complementary

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



69, 58.096, 140.682



55, 57.852, 326.918

Rectangle

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



69, 58.096, 140.682



69, 58.096, 190.682



69, 58.096, 320.682



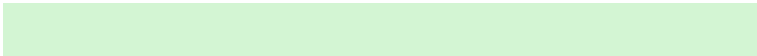
69, 58.096, 10.682

Sweetspot

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



69, 58.097, 140.682



93, 21.595, 143.601



74, 46.443, 105.701



49, 14.916, 143.450



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, 58.097, 140.682



87, 84.771, 139.521



70, 39.808, 158.783



39, 7.056, 143.928



57, 83.788, 136.020



9, 21.674, 144.399

Inverse Universe

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



55, 57.852, 326.918



67, 83.992, 327.360



53, 41.956, 348.588



37, 7.066, 324.939



37, 80.825, 328.248



3, 21.482, 325.473

Previews

White Background



This preview shows how the CIELCh color 69, 58.096, 140.682 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, 58.096, 140.682 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

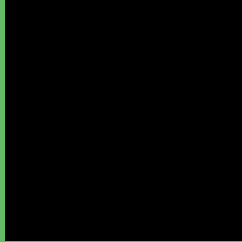
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 58.096, 140.682

Background



This preview shows how black text looks on a background with the CIELCh color 69, 58.096, 140.682.

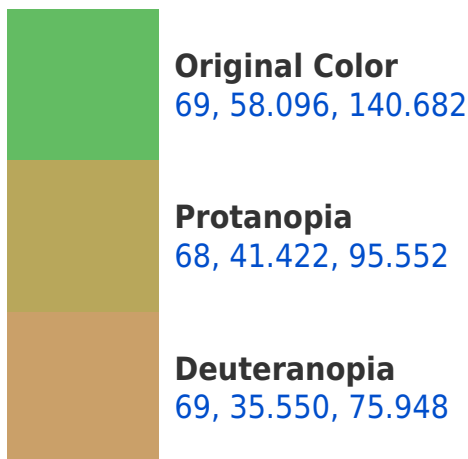


This preview shows how white text looks on a background with the CIELCh color 69, 58.096, 140.682.

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
69, 20.355, 220.405

Trichromacy



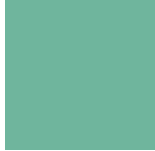
Original Color
69, 58.096, 140.682



Protanomaly
68, 43.985, 118.007



Deuteranomaly
68, 36.091, 110.492



Tritanomaly
69, 28.135, 169.123

Monochromacy



Original Color
69, 58.096, 140.682



Achromatopsia
62, 0.008, 296.813



Achromatomaly
64, 21.775, 143.227

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 58.096, 140.682 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(99, 188, 99)` looks like.

```
.text, #text, p{  
    color:rgb(99, 188, 99)  
}
```

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(99, 188, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 188, 99) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 58.096, 140.682 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(99, 188, 99) }
```

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

```
.border{ border-color:rgb(99, 188, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 188, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 188, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 188, 99);  
box-shadow:4px 4px 4px 4px rgb(99, 188,  
99) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 58.096, 140.682 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 188, 99) }
```

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

```
.background{ background-color: rgb(99, 188,  
99) }
```

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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