

Converting Colors

CIELCh(69, 56.308, 139.192)

Have a look what the booklet for
CIELCh(69, 56.308, 139.192)
contains.

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Color

CIELCh(69, 56.405, 139.279)

Conversions

Conversions Part 1

Format	Color
Hex	69BB63
RGB	105, 187, 99
RGB Percent	41%, 73%, 39%
CMY	0.5890, 0.2674, 0.6125
CMYK	0.44, 0.00, 0.47, 0.27
HSL	116°, 39%, 56%
HSV	116°, 47%, 73%
XYZ	25.7736, 39.3444, 17.9944
YIQ	152.4500, -20.6240, -44.7520

Conversions

Conversions Part 2

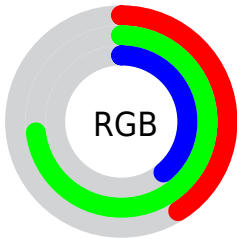
Format	Color
RYB	99, 187, 181
Decimal	6929251
CIELab	69.00, -42.75, 36.80
CIElCh	69, 56.405, 139.279
Yxy	39.3444, 0.3101, 0.4734
Android (android.graphics.Color)	4285119331 (0xFF69BB63)
YUV	152.4500, -26.3508, -41.6136
Hunter-Lab	62.7251, -36.4236, 26.8987

Details

The CIELCh color **69, 56.405, 139.279** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **54, 56.539, 324.853**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 56.707, 139.331**, and **49, 56.207, 139.398** is the 20% darker color. If you saturate the color by 10%, you get **68, 67.155, 138.344**, and if you desaturate by 10%, it is **70, 44.882, 140.159**.

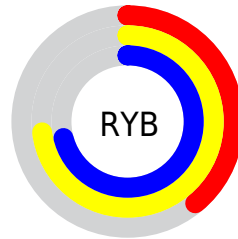
Distribution



Red (41%)

Green (73%)

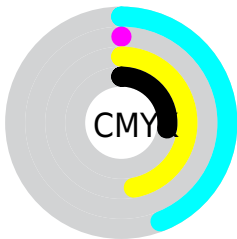
Blue (39%)



Red (39%)

Yellow (73%)

Blue (71%)

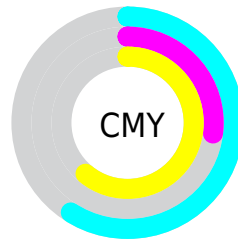


Cyan (44%)

Magenta (0%)

Yellow (47%)

Black (27%)



Cyan (59%)


Magenta (27%)


Yellow (61%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 56.405, 139.279 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, 56.405, 139.279 by changing the saturation by 10% instead.


 69, 56.405,
139.279


 69, 56.405,
139.279


 100, 56.405,
139.279


 59, 56.405,
139.279


 89, 56.405,
139.279

 49, 56.405,
139.279

 99, 56.405,
139.279

 39, 56.405,
139.279

 29, 56.405,
139.279

 19, 56.405,
139.279

 9, 56.405, 139.279

 0, 56.405, 139.279

69, 56.405,
139.279

69, 56.405,
139.279

68, 67.155,
138.344

70, 44.882,
140.159

67, 76.721,
137.418

71, 32.909,
140.952

67, 84.618,
136.609

73, 20.739,
141.649

66, 90.359,
136.051

75, 8.563, 142.262

66, 93.709,
135.819

76, 3.481, 322.679

66, 94.432,
135.734

78, 15.297,
323.164

80, 26.822,
323.539

83, 38.017,
323.854

■ 84, 42.748,
325.906

Harmonies

Complementary

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



69, 56.405, 139.279



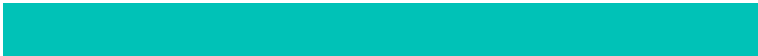
54, 56.539, 324.853

Rectangle

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



69, 56.405, 139.279



69, 56.405, 189.279



69, 56.405, 319.279



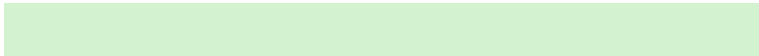
69, 56.405, 9.279

Sweetspot

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



69, 56.406, 139.279



93, 20.947, 141.832



72, 42.732, 101.709



49, 14.592, 141.694



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, 56.406, 139.279



86, 82.640, 138.266



69, 42.259, 154.808



39, 6.903, 142.128



57, 83.404, 135.675



9, 21.322, 143.101

Inverse Universe

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



54, 56.539, 324.853



65, 82.531, 325.247



54, 43.539, 343.738



37, 6.922, 323.053



35, 81.163, 325.607



3, 20.741, 322.480

Previews

White Background



This preview shows how the CIELCh color 69, 56.405, 139.279 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, 56.405, 139.279 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, 56.405, 139.279

Background



This preview shows how black text looks on a background with the CIELCh color 69, 56.405, 139.279.



This preview shows how white text looks on a background with the CIELCh color 69, 56.405, 139.279.

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, 56.405, 139.279

Protanopia
69, 41.302, 96.181

Deuteranopia
69, 35.550, 75.948



Tritanopia
69, 18.964, 224.130

Trichromacy



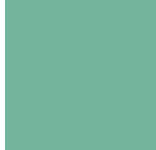
Original Color
69, 56.405, 139.279



Protanomaly
68, 43.802, 116.956



Deuteranomaly
68, 36.017, 108.478



Tritanomaly
69, 26.235, 168.422

Monochromacy



Original Color
69, 56.405, 139.279



Achromatopsia
63, 0.008, 296.813



Achromatomaly
65, 21.311, 141.652

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 56.405, 139.279 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(105, 187, 99)` looks like.

```
.text, #text, p{  
    color:rgb(105, 187, 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(105, 187, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 187, 99) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 56.405, 139.279 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(105, 187, 99) }
```

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

```
.border{ border-color:rgb(105, 187, 99) }
```

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

Here you see how a box with a 4 pixel rgb(105, 187, 99) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 187, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 187, 99);  
box-shadow:4px 4px 4px 4px rgb(105, 187,  
99) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 56.405, 139.279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 187, 99) }
```

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

```
.background{ background-color: rgb(105,  
187, 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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