

Converting Colors

CIELCh(69, 67.950, 139.209)

Have a look what the booklet for
CIELCh(69, 67.950, 139.209)
contains.

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Color

CIELCh(69, 67.973, 139.180)

Conversions

Conversions Part 1

Format	Color
Hex	56BE53
RGB	86, 190, 83
RGB Percent	34%, 75%, 33%
CMY	0.6635, 0.2556, 0.6751
CMYK	0.55, 0.00, 0.56, 0.26
HSL	118°, 45%, 53%
HSV	118°, 56%, 74%
XYZ	23.7525, 39.3444, 14.4940
YIQ	146.7060, -27.6370, -55.3250

Conversions

Conversions Part 2

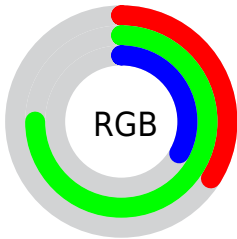
Format	Color
RYB	83, 190, 187
Decimal	5684819
CIELab	69.00, -51.44, 44.43
CIElCh	69, 67.973, 139.180
Yxy	39.3444, 0.3061, 0.5071
Android (android.graphics.Color)	4283874899 (0xFF56BE53)
YUV	146.7060, -31.4071, -53.2392
Hunter-Lab	62.7251, -42.1751, 30.2074

Details

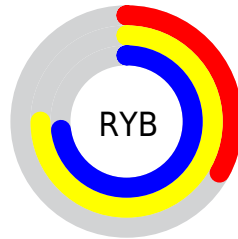
The CIELCh color **69, 67.973, 139.180** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **52, 67.604, 326.436**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 67.974, 139.092**, and **49, 68.233, 139.115** is the 20% darker color. If you saturate the color by 10%, you get **68, 77.743, 138.134**, and if you desaturate by 10%, it is **70, 56.968, 140.209**.

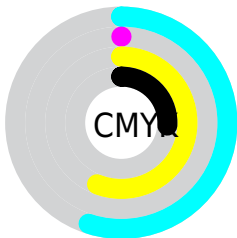
Distribution



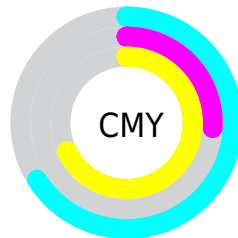
- Red (34%)
- Green (75%)
- Blue (33%)



- Red (33%)
- Yellow (75%)
- Blue (73%)



- Cyan (55%)
- Magenta (0%)
- Yellow (56%)
- Black (26%)





- Cyan (66%)
- Magenta (26%)
- Yellow (68%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 67.973, 139.180 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, 67.973, 139.180 by changing the saturation by 10% instead.

 69, 67.973,
139.180


 69, 67.973,
139.180


 100, 67.973,
139.180


 59, 67.973,
139.180


 89, 67.973,
139.180

 49, 67.973,
139.180

 99, 67.973,
139.180

 39, 67.973,
139.180

 29, 67.973,
139.180

 19, 67.973,
139.180

 9, 67.973, 139.180

 0, 67.973, 139.180

69, 67.973,
139.180

69, 67.973,
139.180

68, 77.743,
138.134

70, 56.968,
140.209

68, 85.785,
137.176

71, 45.148,
141.159

67, 91.608,
136.445

72, 32.856,
142.003

67, 94.939,
136.045

74, 20.361,
142.738

67, 95.794,
135.905

76, 7.867, 143.383

78, 4.479, 323.830

80, 16.575,
324.320

82, 28.353,
324.707

■ 84, 39.775,
325.033

Harmonies

Complementary

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



69, 67.973, 139.180



52, 67.604, 326.436

Rectangle

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



69, 67.973, 139.180



69, 67.973, 189.180



69, 67.973, 319.180



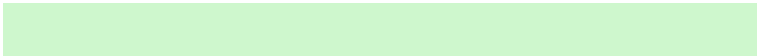
69, 67.973, 9.180

Sweetspot

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



69, 67.974, 139.181



94, 26.242, 142.675



74, 53.278, 103.357



50, 17.707, 142.532



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



69, 67.974, 139.181



87, 97.776, 137.857



70, 48.275, 155.844



39, 6.993, 143.196



57, 83.634, 135.877



9, 21.532, 143.870

Inverse Universe

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



52, 67.604, 326.436



63, 96.466, 326.836



51, 50.395, 347.889



37, 7.007, 324.170



37, 80.951, 327.150



3, 21.171, 324.243

Previews

White Background



This preview shows how the CIELCh color 69, 67.973, 139.180 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, 67.973, 139.180 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, 67.973, 139.180

Background



This preview shows how black text looks on a background with the CIELCh color 69, 67.973, 139.180.

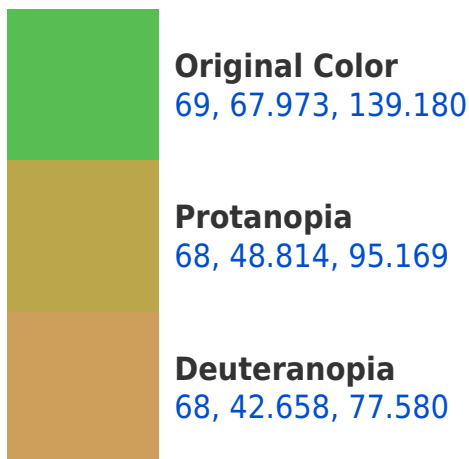


This preview shows how white text looks on a background with the CIELCh color 69, 67.973, 139.180.

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, 22.716, 219.312

Trichromacy



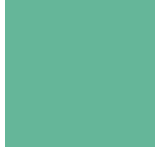
Original Color
69, 67.973, 139.180



Protanomaly
68, 51.776, 116.975



Deuteranomaly
67, 43.691, 110.193



Tritanomaly
68, 32.517, 167.400

Monochromacy



Original Color
69, 67.973, 139.180



Achromatopsia
61, 0.008, 296.813



Achromatomaly
63, 26.363, 142.265

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 67.973, 139.180 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(86, 190, 83)` looks like.

```
.text, #text, p{  
    color:rgb(86, 190, 83)  
}
```

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(86, 190, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 190, 83) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 67.973, 139.180 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(86, 190, 83) }
```

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

```
.border{ border-color:rgb(86, 190, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 190, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 190, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 190, 83);  
box-shadow:4px 4px 4px 4px rgb(86, 190,  
83) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 67.973, 139.180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 190, 83) }
```

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

```
.background{ background-color: rgb(86, 190,  
83) }
```

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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