

Converting Colors

CIELCh(73, 67.570, 136.300)

Have a look what the booklet for
CIELCh(73, 67.570, 136.300)
contains.

CIELCh(73, 67.417, 136.439)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(73, 67.417, 136.439)

Conversions

Conversions Part 1

Format	Color
Hex	6BC859
RGB	107, 200, 89
RGB Percent	42%, 78%, 35%
CMY	0.5803, 0.2156, 0.6509
CMYK	0.46, 0.00, 0.55, 0.22
HSL	110°, 50%, 57%
HSV	110°, 55%, 78%
XYZ	28.5272, 45.1644, 16.6684
YIQ	159.5390, -19.7970, -54.2370

Conversions

Conversions Part 2

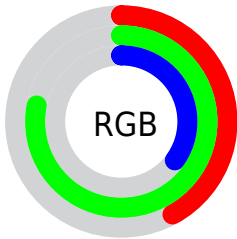
Format	Color
RYB	89, 200, 182
Decimal	7063641
CIELab	73.00, -48.85, 46.46
CIELCh	73, 67.417, 136.439
Yxy	45.1644, 0.3157, 0.4998
Android (android.graphics.Color)	4285253721 (0xFF6BC859)
YUV	159.5390, -34.7757, -46.0767
Hunter-Lab	67.2044, -41.8375, 32.3377

Details

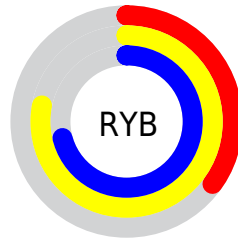
The CIELCh color **73, 67.417, 136.439** is a dark color, and the websafe version is hex **66CC66**. The color can be described as dark muted chartreuse. A complement of this color would be **53, 68.320, 322.262**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **92, 65.930, 136.390**, and **53, 67.244, 136.387** is the 20% darker color. If you saturate the color by 10%, you get **72, 77.679, 135.742**, and if you desaturate by 10%, it is **74, 56.099, 137.182**.

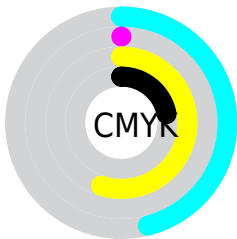
Distribution



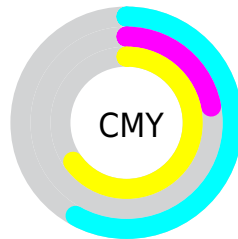
- Red (42%)
- Green (78%)
- Blue (35%)



- Red (35%)
- Yellow (78%)
- Blue (71%)



- Cyan (46%)
- Magenta (0%)
- Yellow (55%)
- Black (22%)





- Cyan (58%)
- Magenta (22%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 67.417, 136.439 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 73, 67.417, 136.439 by changing the saturation by 10% instead.


 73, 67.417,
136.439


 73, 67.417,
136.439


 100, 67.417,
136.439


 63, 67.417,
136.439


 93, 67.417,
136.439

 53, 67.417,
136.439

 43, 67.417,
136.439

 33, 67.417,
136.439

 23, 67.417,
136.439

 13, 67.417,
136.439

 3, 67.417, 136.439

0, 67.417, 136.439

73, 67.417,
136.439

73, 67.417,
136.439

72, 77.679,
135.742

74, 56.099,
137.182

72, 86.393,
135.194

75, 44.114,
137.904

71, 93.027,
134.924

76, 31.763,
138.570

71, 97.206,
135.031

78, 19.268,
139.168

71, 98.528,
135.103

80, 6.794, 139.708

81, 5.542, 320.085

83, 17.658,

320.497

■ 85, 29.499,
320.831

■ 87, 34.483,
325.623

Harmonies

Complementary

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



73, 67.417, 136.439



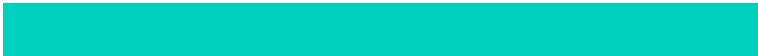
53, 68.320, 322.262

Rectangle

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



73, 67.417, 136.439



73, 67.417, 186.439



73, 67.417, 316.439



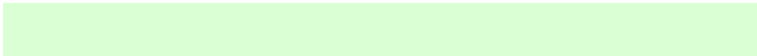
73, 67.417, 6.439

Sweetspot

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



73, 67.418, 136.440



97, 25.760, 139.068



74, 49.063, 95.954



51, 17.240, 138.950



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



73, 67.418, 136.440



90, 96.044, 135.588



73, 55.553, 150.111



41, 6.998, 139.501



59, 84.583, 134.983



11, 25.415, 140.409

Inverse Universe

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



53, 68.320, 322.262



62, 96.988, 322.528



54, 56.058, 340.348



39, 7.031, 320.337



34, 83.884, 322.109



4, 24.884, 320.139

Previews

White Background



This preview shows how the CIELCh color 73, 67.417, 136.439 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 73, 67.417, 136.439 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 73, 67.417, 136.439

Background



This preview shows how black text looks on a background with the CIELCh color 73, 67.417, 136.439.

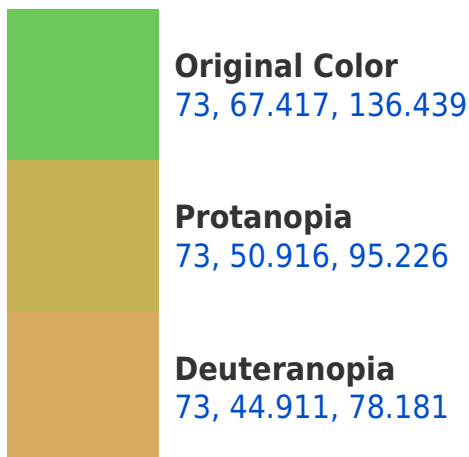


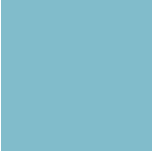
This preview shows how white text looks on a background with the CIELCh color 73, 67.417, 136.439.

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
73, 20.447, 221.758

Trichromacy



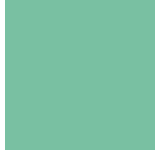
Original Color
73, 67.417, 136.439



Protanomaly
72, 52.966, 114.817



Deuteranomaly
72, 45.683, 107.268



Tritanomaly
72, 30.154, 164.359

Monochromacy



Original Color
73, 67.417, 136.439



Achromatopsia
66, 0.008, 296.813



Achromatomaly
68, 26.106, 138.474

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 67.417, 136.439 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(107, 200, 89)` looks like.

```
.text, #text, p{  
    color:rgb(107, 200, 89)  
}
```

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(107, 200, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 200, 89) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 67.417, 136.439 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(107, 200, 89) }
```

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

```
.border{ border-color:rgb(107, 200, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 200, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 200, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 200, 89);  
box-shadow:4px 4px 4px 4px rgb(107, 200,  
89) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 67.417, 136.439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 200, 89) }
```

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

```
.background{ background-color: rgb(107,  
200, 89) }
```

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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