

Converting Colors

CIELCh(73, 57.906, 141.679)

Have a look what the booklet for
CIELCh(73, 57.906, 141.679)
contains.

CIELCh(73, 57.649, 141.682)	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, 57.649, 141.682)

Conversions

Conversions Part 1

Format	Color
Hex	6CC76F
RGB	108, 199, 111
RGB Percent	42%, 78%, 44%
CMY	0.5766, 0.2197, 0.5648
CMYK	0.46, 0.00, 0.44, 0.22
HSL	122°, 45%, 60%
HSV	122°, 46%, 78%
XYZ	29.4634, 45.1644, 22.1947
YIQ	161.7590, -25.9880, -46.6600

Conversions

Conversions Part 2

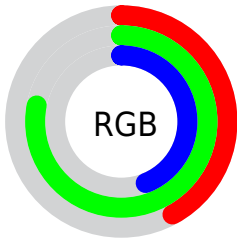
Format	Color
RYB	108, 196, 199
Decimal	7128943
CIELab	73.00, -45.23, 35.74
CIElCh	73, 57.649, 141.682
Yxy	45.1644, 0.3043, 0.4665
Android (android.graphics.Color)	4285319023 (0xFF6CC76F)
YUV	161.7590, -25.0242, -47.1466
Hunter-Lab	67.2044, -39.3509, 27.4622

Details

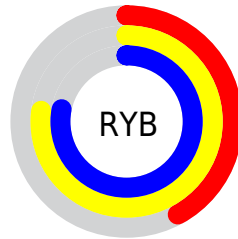
The CIELCh color **73, 57.649, 141.682** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **59, 57.418, 327.802**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **93, 56.803, 141.790**, and **53, 57.484, 141.599** is the 20% darker color. If you saturate the color by 10%, you get **72, 68.986, 140.552**, and if you desaturate by 10%, it is **74, 45.506, 142.701**.

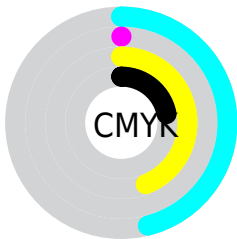
Distribution



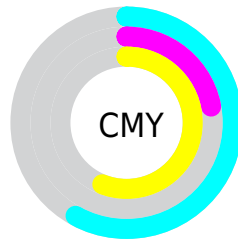
- Red (42%)
- Green (78%)
- Blue (44%)



- Red (42%)
- Yellow (77%)
- Blue (78%)



- Cyan (46%)
- Magenta (0%)
- Yellow (44%)
- Black (22%)





- Cyan (58%)
- Magenta (22%)
- Yellow (56%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 57.649, 141.682 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 73, 57.649, 141.682 by changing the saturation by 10% instead.

 73, 57.649,
141.682

 73, 57.649,
141.682


 100, 57.649,
141.682


 63, 57.649,
141.682


 93, 57.649,
141.682

 53, 57.649,
141.682

 43, 57.649,
141.682

 33, 57.649,
141.682

 23, 57.649,
141.682

 13, 57.649,
141.682

 3, 57.649, 141.682

0, 57.649, 141.682

73, 57.649,
141.682

73, 57.649,
141.682

72, 68.986,
140.552

74, 45.506,
142.701

71, 79.112,
139.356

76, 32.891,
143.594

71, 87.571,
138.181

77, 20.077,
144.365

70, 93.901,
137.158

79, 7.272, 145.041

70, 97.777,
136.424

81, 5.369, 325.509

83, 17.742,
326.014

70, 98.777,
136.260

86, 29.779,

326.419

87, 35.142,
325.646

Harmonies

Complementary

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



73, 57.649, 141.682



59, 57.418, 327.802

Rectangle

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



73, 57.649, 141.682



73, 57.649, 191.682



73, 57.649, 321.682



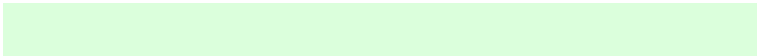
73, 57.649, 11.682

Sweetspot

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



73, 57.650, 141.682



97, 21.831, 144.473



78, 47.080, 106.609



51, 15.085, 144.317



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, 57.650, 141.682



90, 83.248, 140.544



74, 39.801, 159.855



41, 7.207, 144.801



58, 85.129, 136.327



11, 26.180, 144.152

Inverse Universe

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



59, 57.418, 327.802



70, 82.462, 328.275



57, 42.131, 349.393



39, 7.219, 325.830



38, 80.666, 329.576



4, 26.000, 328.110

Previews

White Background



This preview shows how the CIELCh color 73, 57.649, 141.682 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 73, 57.649, 141.682 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 73, 57.649, 141.682

Background



This preview shows how black text looks on a background with the CIELCh color 73, 57.649, 141.682.



This preview shows how white text looks on a background with the CIELCh color 73, 57.649, 141.682.

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



Original Color
73, 57.649, 141.682

Protanopia
73, 40.557, 95.806

Deuteranopia
72, 34.219, 73.934

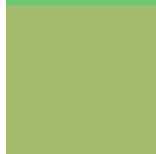


Tritanopia
73, 20.958, 221.116

Trichromacy



Original Color
73, 57.649, 141.682



Protanomaly
72, 43.237, 118.836



Deuteranomaly
72, 35.243, 110.771



Tritanomaly
73, 27.870, 171.776

Monochromacy



Original Color
73, 57.649, 141.682



Achromatopsia
67, 0.008, 296.813



Achromatomaly
68, 21.732, 144.075

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 57.649, 141.682 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(108, 199, 111)` looks like.

```
.text, #text, p{  
    color:rgb(108, 199, 111)  
}
```

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(108, 199, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 199, 111) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 57.649, 141.682 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(108, 199, 111) }
```

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

```
.border{ border-color:rgb(108, 199, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 199, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 199, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 199, 111);  
box-shadow:4px 4px 4px 4px rgb(108, 199,  
111) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 57.649, 141.682 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 199, 111) }
```

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

```
.background{ background-color: rgb(108,  
199, 111) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor