

Converting Colors

CIELCh(72, 60.173, 139.289)

Have a look what the booklet for
CIELCh(72, 60.173, 139.289)
contains.

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Color

CIELCh(72, 60.312, 139.243)

Conversions

Conversions Part 1

Format	Color
Hex	6BC465
RGB	107, 196, 101
RGB Percent	42%, 77%, 40%
CMY	0.5795, 0.2305, 0.6031
CMYK	0.45, 0.00, 0.48, 0.23
HSL	116°, 45%, 58%
HSV	116°, 48%, 77%
XYZ	28.2360, 43.6590, 19.3011
YIQ	158.5590, -22.5490, -48.4130

Conversions

Conversions Part 2

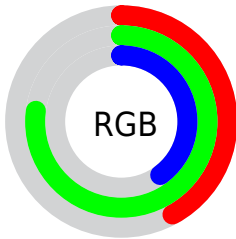
Format	Color
RYB	101, 196, 190
Decimal	7062629
CIELab	72.00, -45.69, 39.37
CIElCh	72, 60.312, 139.243
Yxy	43.6590, 0.3096, 0.4787
Android (android.graphics.Color)	4285252709 (0xFF6BC465)
YUV	158.5590, -28.3766, -45.2172
Hunter-Lab	66.0750, -39.3522, 28.9334

Details

The CIELCh color **72, 60.312, 139.243** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **56, 60.403, 325.054**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **92, 60.010, 139.382**, and **52, 60.121, 139.353** is the 20% darker color. If you saturate the color by 10%, you get **71, 71.350, 138.290**, and if you desaturate by 10%, it is **73, 48.402, 140.146**.

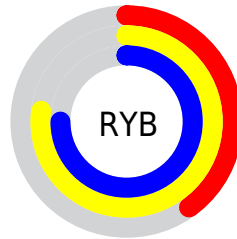
Distribution



Red (42%)

Green (77%)

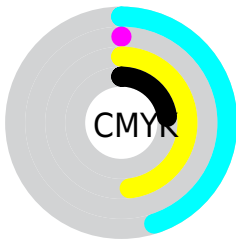
Blue (40%)



Red (40%)

Yellow (77%)

Blue (75%)

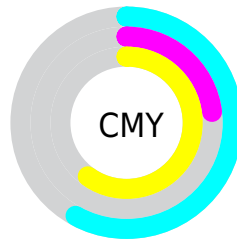


Cyan (45%)

Magenta (0%)

Yellow (48%)

Black (23%)



Cyan (58%)


Magenta (23%)


Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 60.312, 139.243 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 72, 60.312, 139.243 by changing the saturation by 10% instead.


 72, 60.312,
139.243


 72, 60.312,
139.243


 100, 60.312,
139.243


 62, 60.312,
139.243


 92, 60.312,
139.243


 52, 60.312,
139.243

 42, 60.312,
139.243

 32, 60.312,
139.243

 22, 60.312,
139.243

 12, 60.312,
139.243

 2, 60.312, 139.243

0, 60.312, 139.243

72, 60.312,
139.243

72, 60.312,
139.243

71, 71.350,
138.290

73, 48.402,
140.146

70, 81.070,
137.357

74, 35.974,
140.961

70, 88.958,
136.560

76, 23.305,
141.679

69, 94.516,
136.034

78, 10.603,
142.308

69, 97.626,
135.818

80, 1.976, 322.690

69, 98.004,
135.769

82, 14.327,
323.242

■ 84, 26.378,
323.629

■ 86, 36.734,
325.346

■ 86, 36.868,
325.705

Harmonies

Complementary

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



72, 60.312, 139.243



56, 60.403, 325.054

Rectangle

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



72, 60.312, 139.243



72, 60.312, 189.243



72, 60.312, 319.243



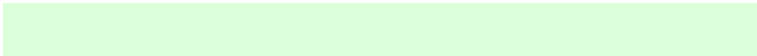
72, 60.312, 9.243

Sweetspot

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



72, 60.313, 139.243



97, 23.443, 141.888



76, 46.316, 102.420



51, 16.007, 141.749



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



72, 60.313, 139.243



90, 87.516, 138.244



72, 44.496, 155.373



40, 7.067, 142.252



57, 84.425, 135.705



10, 23.860, 142.901

Inverse Universe

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



56, 60.403, 325.054



67, 87.298, 325.430



56, 46.031, 344.842



38, 7.086, 323.185



36, 82.095, 325.782



4, 23.433, 323.599

Previews

White Background



This preview shows how the CIELCh color 72, 60.312, 139.243 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 72, 60.312, 139.243 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 72, 60.312, 139.243

Background



This preview shows how black text looks on a background with the CIELCh color 72, 60.312, 139.243.

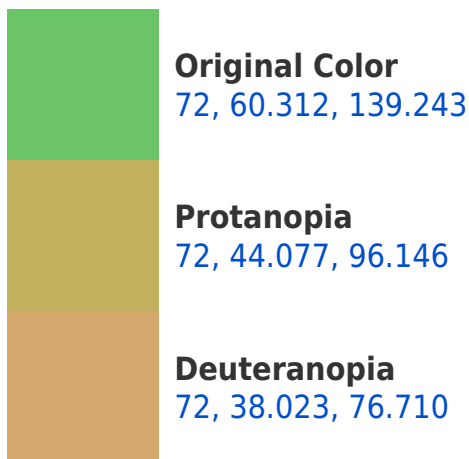


This preview shows how white text looks on a background with the CIELCh color 72, 60.312, 139.243.

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
72, 20.205, 222.141

Trichromacy



Original Color
72, 60.312, 139.243



Protanomaly
71, 46.047, 116.792



Deuteranomaly
71, 38.342, 108.867



Tritanomaly
72, 28.041, 168.106

Monochromacy



Original Color
72, 60.312, 139.243



Achromatopsia
65, 0.008, 296.813



Achromatomaly
67, 23.151, 141.729

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 60.312, 139.243 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, 196, 101)` looks like.

```
.text, #text, p{  
    color:rgb(107, 196, 101)  
}
```

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, 196, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 196, 101) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 60.312, 139.243 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, 196, 101) }
```

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

```
.border{ border-color:rgb(107, 196, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 196, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 196, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 196, 101);  
box-shadow:4px 4px 4px 4px rgb(107, 196,  
101) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 60.312, 139.243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 196, 101) }
```

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

```
.background{ background-color: rgb(107,  
196, 101) }
```

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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