

Converting Colors

CIELCh(72, 56.684, 140.982)

Have a look what the booklet for
CIELCh(72, 56.684, 140.982)
contains.

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Color

CIELCh(72, 56.585, 140.979)

Conversions

Conversions Part 1

Format	Color
Hex	6DC46D
RGB	109, 196, 109
RGB Percent	43%, 77%, 43%
CMY	0.5738, 0.2327, 0.5737
CMYK	0.44, 0.00, 0.44, 0.23
HSL	120°, 42%, 60%
HSV	120°, 44%, 77%
XYZ	28.6760, 43.6590, 21.2982
YIQ	160.0690, -23.9250, -45.5010

Conversions

Conversions Part 2

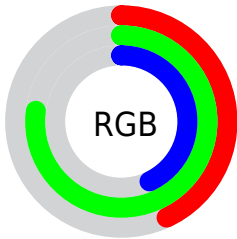
Format	Color
RYB	109, 196, 196
Decimal	7193709
CIELab	72.00, -43.96, 35.63
CIELCh	72, 56.585, 140.979
Yxy	43.6590, 0.3063, 0.4663
Android (android.graphics.Color)	4285383789 (0xFF6DC46D)
YUV	160.0690, -25.1770, -44.7875
Hunter-Lab	66.0750, -38.1638, 27.1413

Details

The CIELCh color **72, 56.585, 140.979** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **59, 56.403, 326.785**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **92, 56.297, 141.019**, and **52, 56.500, 141.028** is the 20% darker color. If you saturate the color by 10%, you get **71, 68.079, 139.893**, and if you desaturate by 10%, it is **73, 44.288, 141.965**.

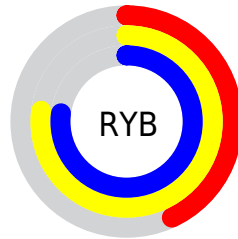
Distribution



Red (43%)

Green (77%)

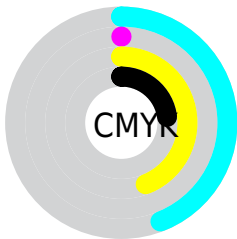
Blue (43%)



Red (43%)

Yellow (77%)

Blue (77%)

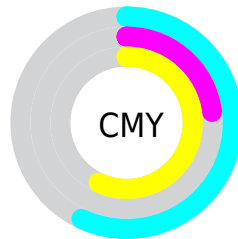


Cyan (44%)

Magenta (0%)

Yellow (44%)

Black (23%)



Cyan (57%)


Magenta (23%)


Yellow (57%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 56.585, 140.979 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, 56.585, 140.979 by changing the saturation by 10% instead.


 72, 56.585,
140.979


 72, 56.585,
140.979


 100, 56.585,
140.979


 62, 56.585,
140.979


 92, 56.585,
140.979

 52, 56.585,
140.979

 42, 56.585,
140.979

 32, 56.585,
140.979

 22, 56.585,
140.979

 12, 56.585,
140.979

 2, 56.585, 140.979

■ 0, 56.585, 140.979

■ 72, 56.585,
140.979

■ 72, 56.585,
140.979

■ 71, 68.079,
139.893

■ 73, 44.288,
141.965

■ 70, 78.336,
138.759

■ 75, 31.534,
142.831

■ 70, 86.862,
137.677

■ 76, 18.601,
143.580

■ 69, 93.147,
136.786

■ 78, 5.698, 144.244

■ 69, 96.848,
136.221

■ 80, 7.025, 324.699

■ 69, 98.129,
136.018

■ 82, 19.464,
325.174

■ 85, 31.555,

325.562

■ 86, 37.209,
325.717

Harmonies

Complementary

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



72, 56.585, 140.979



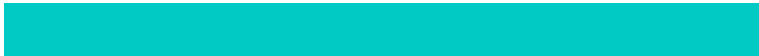
59, 56.403, 326.785

Rectangle

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



72, 56.585, 140.979



72, 56.585, 190.979



72, 56.585, 320.979



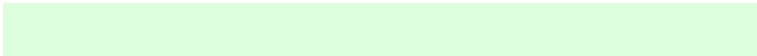
72, 56.585, 10.979

Sweetspot

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



72, 56.586, 140.979



97, 20.718, 143.667



77, 45.230, 105.952



51, 14.513, 143.511



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, 56.586, 140.979



90, 82.256, 139.963



73, 38.793, 159.158



40, 7.213, 143.923



57, 84.781, 136.019



10, 24.257, 144.101

Inverse Universe

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



59, 56.403, 326.785



71, 81.676, 327.200



57, 40.812, 348.194



38, 7.224, 324.938



38, 81.787, 328.244



4, 24.207, 326.368

Previews

White Background



This preview shows how the CIELCh color 72, 56.585, 140.979 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, 56.585, 140.979 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, 56.585, 140.979

Background



This preview shows how black text looks on a background with the CIELCh color 72, 56.585, 140.979.



This preview shows how white text looks on a background with the CIELCh color 72, 56.585, 140.979.

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
72, 56.585, 140.979

Protanopia
72, 40.539, 96.353

Deuteranopia
72, 34.513, 74.859



Tritanopia
72, 20.205, 222.141

Trichromacy



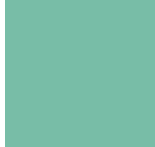
Original Color
72, 56.585, 140.979



Protanomaly
71, 42.658, 117.922



Deuteranomaly
71, 34.764, 109.464



Tritanomaly
72, 27.116, 170.982

Monochromacy



Original Color
72, 56.585, 140.979



Achromatopsia
66, 0.008, 296.813



Achromatomaly
68, 21.557, 143.295

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 56.585, 140.979 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(109, 196, 109)` looks like.

```
.text, #text, p{  
    color:rgb(109, 196, 109)  
}
```

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(109, 196, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 196, 109) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 56.585, 140.979 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(109, 196, 109) }
```

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

```
.border{ border-color:rgb(109, 196, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 196, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(109, 196, 109); -webkit-box-shadow:4px 4px 4px 4px rgb(109, 196, 109); box-shadow:4px 4px 4px 4px rgb(109, 196, 109) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 56.585, 140.979 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 196, 109) }
```

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

```
.background{ background-color: rgb(109,  
196, 109) }
```

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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