

Converting Colors

CIELCh(72, 60.276, 144.471)

Have a look what the booklet for
CIELCh(72, 60.276, 144.471)
contains.

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Color

CIELCh(72, 60.252, 144.489)

Conversions

Conversions Part 1

Format	Color
Hex	5DC66E
RGB	93, 198, 110
RGB Percent	36%, 78%, 43%
CMY	0.6367, 0.2249, 0.5698
CMYK	0.53, 0.00, 0.45, 0.22
HSL	130°, 48%, 57%
HSV	130°, 53%, 78%
XYZ	27.3915, 43.6590, 21.6459
YIQ	156.5730, -34.3320, -49.6280

Conversions

Conversions Part 2

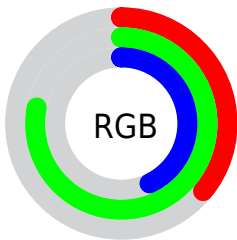
Format	Color
RYB	93, 183, 198
Decimal	6145646
CIELab	72.00, -49.05, 35.00
CIELCh	72, 60.252, 144.489
Yxy	43.6590, 0.2955, 0.4710
Android (android.graphics.Color)	4284335726 (0xFF5DC66E)
YUV	156.5730, -22.9605, -55.7535
Hunter-Lab	66.0750, -41.6337, 26.8293

Details

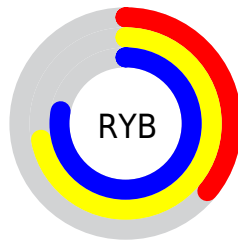
The CIELCh color **72, 60.252, 144.489** is a dark color, and the websafe version is hex **66CC66**. The color can be described as dark muted spring green. A complement of this color would be **55, 59.852, 332.592**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **92, 59.930, 144.654**, and **52, 60.298, 144.465** is the 20% darker color. If you saturate the color by 10%, you get **71, 70.086, 143.144**, and if you desaturate by 10%, it is **73, 49.593, 145.685**.

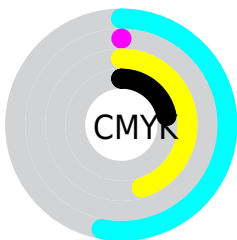
Distribution



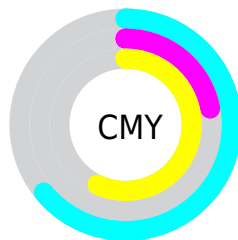
- Red (36%)
- Green (78%)
- Blue (43%)



- Red (36%)
- Yellow (72%)
- Blue (78%)



- Cyan (53%)
- Magenta (0%)
- Yellow (45%)
- Black (22%)





- Cyan (64%)
- Magenta (22%)
- Yellow (57%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 60.252, 144.489 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, 60.252, 144.489 by changing the saturation by 10% instead.


 72, 60.252,
144.489

 72, 60.252,
144.489


 100, 60.252,
144.489


 62, 60.252,
144.489


 92, 60.252,
144.489

 52, 60.252,
144.489

 42, 60.252,
144.489

 32, 60.252,
144.489

 22, 60.252,
144.489

 12, 60.252,
144.489

 2, 60.252, 144.489

0, 60.252, 144.489

72, 60.252,
144.489

72, 60.252,
144.489

71, 70.086,
143.144

73, 49.593,
145.685

71, 78.807,
141.676

74, 38.375,
146.728

70, 86.140,
140.143

76, 26.841,
147.631

70, 91.837,
138.646

77, 15.193,
148.413

70, 94.788,
137.763

79, 3.591, 149.140

81, 7.843, 329.592

83, 19.026,

330.108

■ 86, 29.903,
330.544

■ 86, 35.964,
325.674

Harmonies

Complementary

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



72, 60.252, 144.489



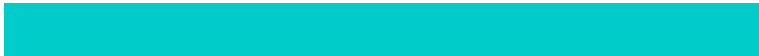
55, 59.852, 332.592

Rectangle

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



72, 60.252, 144.489



72, 60.252, 194.489



72, 60.252, 324.489



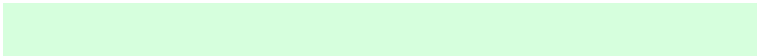
72, 60.252, 14.489

Sweetspot

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



72, 60.253, 144.489



96, 22.799, 148.181



77, 54.148, 112.245



51, 15.403, 148.020



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, 60.253, 144.489



89, 86.955, 142.882



73, 40.303, 166.713



41, 6.581, 148.681



58, 81.821, 137.971



11, 24.573, 146.528

Inverse Universe

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



55, 59.852, 332.592



65, 85.135, 333.380



53, 45.732, 359.634



39, 6.599, 329.781



37, 72.996, 335.862



4, 23.213, 333.225

Previews

White Background



This preview shows how the CIELCh color 72, 60.252, 144.489 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 CIE LCh color 72, 60.252, 144.489 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, 60.252, 144.489

Background



This preview shows how black text looks on a background with the CIELCh color 72, 60.252, 144.489.

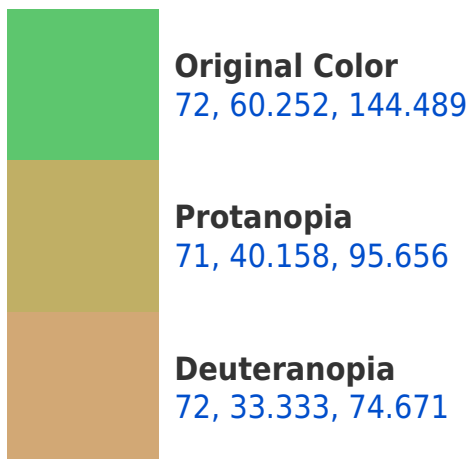


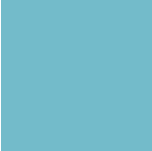
This preview shows how white text looks on a background with the CIELCh color 72, 60.252, 144.489.

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, 23.684, 218.176

Trichromacy



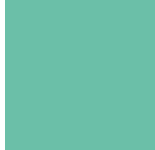
Original Color
72, 60.252, 144.489



Protanomaly
71, 43.275, 121.052



Deuteranomaly
71, 35.081, 114.882



Tritanomaly
72, 31.263, 173.265

Monochromacy



Original Color
72, 60.252, 144.489



Achromatopsia
64, 0.008, 296.813



Achromatomaly
67, 22.990, 147.584

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 60.252, 144.489 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(93, 198, 110)` looks like.

```
.text, #text, p{  
    color:rgb(93, 198, 110)  
}
```

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(93, 198, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 198, 110) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 60.252, 144.489 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(93, 198, 110) }
```

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

```
.border{ border-color:rgb(93, 198, 110) }
```

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

Here you see how a box with a 4 pixel rgb(93, 198, 110) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 198, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 198, 110);  
box-shadow:4px 4px 4px 4px rgb(93, 198,  
110) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 60.252, 144.489 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 198, 110) }
```

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

```
.background{ background-color: rgb(93, 198,  
110) }
```

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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