

Converting Colors

CIELCh(72, 58.550, 148.387)

Have a look what the booklet for
CIELCh(72, 58.550, 148.387)
contains.

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Color

CIELCh(72, 58.555, 148.476)

Conversions

Conversions Part 1

Format	Color
Hex	54C676
RGB	84, 198, 118
RGB Percent	33%, 78%, 46%
CMY	0.6700, 0.2229, 0.5367
CMYK	0.58, 0.00, 0.40, 0.22
HSL	138°, 50%, 55%
HSV	138°, 58%, 78%
XYZ	27.1761, 43.6590, 24.1764
YIQ	154.7940, -42.2640, -49.0480

Conversions

Conversions Part 2

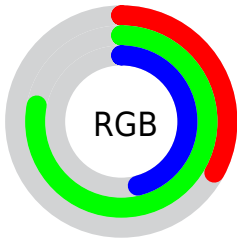
Format	Color
RYB	84, 172, 198
Decimal	5555830
CIELab	72.00, -49.91, 30.62
CIELCh	72, 58.555, 148.476
Yxy	43.6590, 0.2860, 0.4595
Android (android.graphics.Color)	4283745910 (0xFF54C676)
YUV	154.7940, -18.1394, -62.0863
Hunter-Lab	66.0750, -42.2157, 24.5586

Details

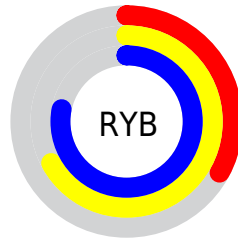
The CIELCh color **72, 58.555, 148.476** is a dark color, and the websafe version is hex **66CC66**. The color can be described as middle muted spring green. A complement of this color would be **53, 58.628, 338.811**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **92, 58.297, 148.624**, and **52, 58.618, 148.377** is the 20% darker color. If you saturate the color by 10%, you get **71, 67.156, 146.938**, and if you desaturate by 10%, it is **73, 49.185, 149.830**.

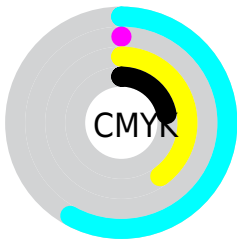
Distribution



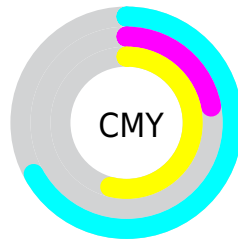
- Red (33%)
- Green (78%)
- Blue (46%)



- Red (33%)
- Yellow (67%)
- Blue (78%)



- Cyan (58%)
- Magenta (0%)
- Yellow (40%)
- Black (22%)





- Cyan (67%)
- Magenta (22%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 58.555, 148.476 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, 58.555, 148.476 by changing the saturation by 10% instead.

 72, 58.555,
148.476

 72, 58.555,
148.476


 100, 58.555,
148.476

 62, 58.555,
148.476


 92, 58.555,
148.476

 52, 58.555,
148.476

 42, 58.555,
148.476

 32, 58.555,
148.476

 22, 58.555,
148.476

 12, 58.555,
148.476

 2, 58.555, 148.476

0, 58.555, 148.476

72, 58.555,
148.476

72, 58.555,
148.476

71, 67.156,
146.938

73, 49.185,
149.830

71, 74.808,
145.220

74, 39.244,
151.011

70, 81.377,
143.354

75, 28.930,
152.037

70, 86.814,
141.425

77, 18.425,
152.933

70, 88.028,
140.986

79, 7.881, 153.732

80, 2.580, 334.239

82, 12.866,

334.941

■ 85, 22.915,
335.485

■ 86, 30.960,
332.153

Harmonies

Complementary

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



72, 58.555, 148.476



53, 58.628, 338.811

Rectangle

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



72, 58.555, 148.476



72, 58.555, 198.476



72, 58.555, 328.476



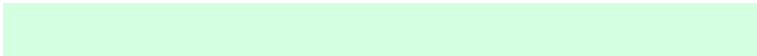
72, 58.555, 18.476

Sweetspot

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



72, 58.556, 148.476



96, 21.928, 152.956



76, 59.425, 117.980



51, 14.672, 152.783



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, 58.556, 148.476



89, 83.632, 146.524



73, 38.375, 175.980



41, 5.961, 153.588



58, 75.699, 141.285



11, 22.932, 149.382

Inverse Universe

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



53, 58.628, 338.811



63, 81.981, 340.181



51, 48.562, 10.702



39, 5.991, 334.811



36, 66.302, 344.542



4, 20.598, 340.461

Previews

White Background



This preview shows how the CIELCh color 72, 58.555, 148.476 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, 58.555, 148.476 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, 58.555, 148.476

Background



This preview shows how black text looks on a background with the CIELCh color 72, 58.555, 148.476.

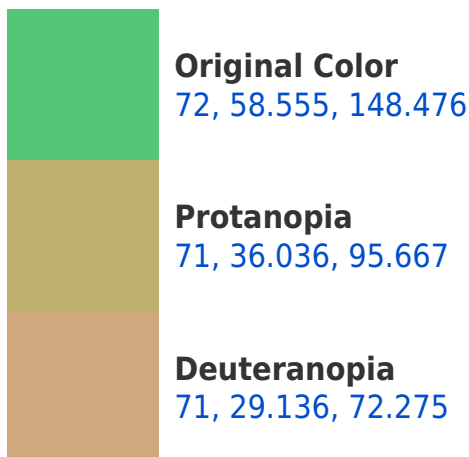


This preview shows how white text looks on a background with the CIELCh color 72, 58.555, 148.476.

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, 25.787, 216.299

Trichromacy



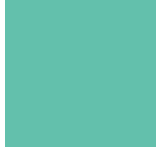
Original Color
72, 58.555, 148.476



Protanomaly
71, 39.892, 124.948



Deuteranomaly
70, 30.785, 119.428



Tritanomaly
72, 32.593, 177.258

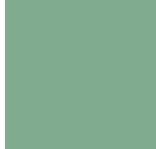
Monochromacy



Original Color
72, 58.555, 148.476



Achromatopsia
64, 0.008, 296.813



Achromatomaly
66, 22.708, 152.788

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 58.555, 148.476 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(84, 198, 118)` looks like.

```
.text, #text, p{  
    color:rgb(84, 198, 118)  
}
```

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(84, 198, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 198, 118) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 58.555, 148.476 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(84, 198, 118) }
```

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

```
.border{ border-color:rgb(84, 198, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 198, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 198, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 198, 118);  
box-shadow:4px 4px 4px 4px rgb(84, 198,  
118) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 58.555, 148.476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 198, 118) }
```

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

```
.background{ background-color: rgb(84, 198,  
118) }
```

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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