

Converting Colors

CIELCh(72, 58.960, 148.152)

Have a look what the booklet for
CIELCh(72, 58.960, 148.152)
contains.

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Color

CIELCh(72, 58.960, 148.152)

Conversions

Conversions Part 1

Format	Color
Hex	54C675
RGB	84, 198, 117
RGB Percent	33%, 78%, 46%
CMY	0.6698, 0.2228, 0.5405
CMYK	0.58, 0.00, 0.41, 0.22
HSL	137°, 50%, 55%
HSV	137°, 58%, 78%
XYZ	27.1340, 43.6590, 23.8809
YIQ	154.6800, -41.9430, -49.3590

Conversions

Conversions Part 2

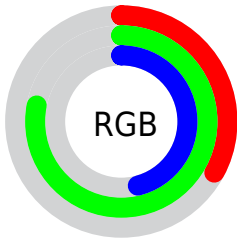
Format	Color
RYB	84, 172, 198
Decimal	5555829
CIELab	72.00, -50.08, 31.11
CIELCh	72, 58.960, 148.152
Yxy	43.6590, 0.2866, 0.4612
Android (android.graphics.Color)	4283745909 (0xFF54C675)
YUV	154.6800, -18.5762, -61.9864
Hunter-Lab	66.0750, -42.3294, 24.8238

Details

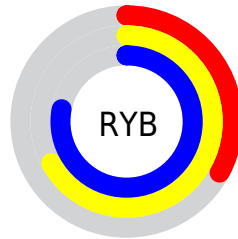
The CIELCh color **72, 58.960, 148.152** is a dark color, and the websafe version is hex **66CC66**. The color can be described as middle muted spring green. A complement of this color would be **53, 58.958, 338.383**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **92, 58.691, 148.311**, and **52, 59.024, 148.046** is the 20% darker color. If you saturate the color by 10%, you get **71, 67.624, 146.621**, and if you desaturate by 10%, it is **73, 49.520, 149.501**.

Distribution



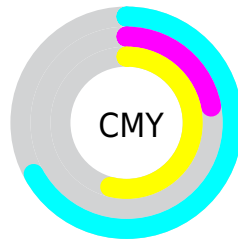
- Red (33%)
- Green (78%)
- Blue (46%)



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



- Cyan (58%)
- Magenta (0%)
- Yellow (41%)
- Black (22%)





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 58.960, 148.152 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, 58.960, 148.152 by changing the saturation by 10% instead.


 72, 58.960,
148.152


 72, 58.960,
148.152


 100, 58.960,
148.152


 62, 58.960,
148.152


 92, 58.960,
148.152

 52, 58.960,
148.152

 42, 58.960,
148.152

 32, 58.960,
148.152

 22, 58.960,
148.152

 12, 58.960,
148.152

 2, 58.960, 148.152

0, 58.960, 148.152

72, 58.960,
148.152

72, 58.960,
148.152

71, 67.624,
146.621

73, 49.520,
149.501

71, 75.325,
144.914

74, 39.503,
150.676

70, 81.924,
143.063

75, 29.114,
151.698

70, 87.362,
141.158

77, 18.533,
152.589

70, 88.580,
140.723

79, 7.917, 153.383

80, 2.613, 333.887

82, 12.966,

334.582

■ 85, 23.078,
335.119

■ 86, 31.179,
331.744

Harmonies

Complementary

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



72, 58.960, 148.152



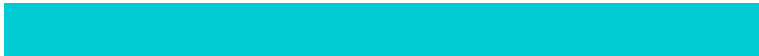
53, 58.958, 338.383

Rectangle

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



72, 58.960, 148.152



72, 58.960, 198.152



72, 58.960, 328.152



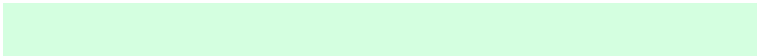
72, 58.960, 18.152

Sweetspot

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



72, 58.961, 148.152



96, 22.073, 152.611



76, 59.422, 117.981



51, 14.770, 152.439



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, 58.961, 148.152



89, 84.214, 146.207



73, 38.373, 175.982



41, 6.000, 153.239



58, 76.166, 141.018



11, 23.040, 149.179

Inverse Universe

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



53, 58.958, 338.383



63, 82.439, 339.715



51, 48.558, 10.698



39, 6.029, 334.452



36, 66.680, 343.906



4, 20.755, 339.921

Previews

White Background



This preview shows how the CIELCh color 72, 58.960, 148.152 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, 58.960, 148.152 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, 58.960, 148.152

Background



This preview shows how black text looks on a background with the CIELCh color 72, 58.960, 148.152.



This preview shows how white text looks on a background with the CIELCh color 72, 58.960, 148.152.

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](#).

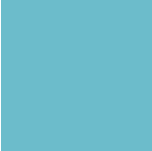
Dichromacy



Original Color
72, 58.960, 148.152

Protanopia
71, 36.544, 95.754

Deuteranopia
71, 29.593, 72.785



Tritanopia
72, 25.560, 216.486

Trichromacy



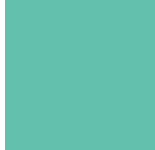
Original Color
72, 58.960, 148.152



Protanomaly
71, 40.377, 124.694



Deuteranomaly
70, 31.298, 119.191



Tritanomaly
72, 32.593, 177.258

Monochromacy



Original Color
72, 58.960, 148.152



Achromatopsia
64, 0.008, 296.813



Achromatomaly
66, 23.121, 151.862

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 58.960, 148.152 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, 117)` looks like.

```
.text, #text, p{  
    color:rgb(84, 198, 117)  
}
```

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, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 198, 117) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 58.960, 148.152 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, 117) }
```

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

```
.border{ border-color:rgb(84, 198, 117) }
```

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, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 198, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 198, 117);  
box-shadow:4px 4px 4px 4px rgb(84, 198,  
117) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 58.960, 148.152 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, 117) }
```

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

```
.background{ background-color: rgb(84, 198,  
117) }
```

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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