

Converting Colors

CIELCh(72, 56.682, 150.355)

Have a look what the booklet for
CIELCh(72, 56.682, 150.355)
contains.

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Color

CIELCh(72, 56.703, 150.315)

Conversions

Conversions Part 1

Format	Color
Hex	53C67B
RGB	83, 198, 123
RGB Percent	33%, 78%, 48%
CMY	0.6745, 0.2235, 0.5176
CMYK	0.58, 0.00, 0.38, 0.22
HSL	141°, 50%, 55%
HSV	141°, 58%, 78%
XYZ	27.3378, 43.6590, 25.7264
YIQ	155.0650, -44.4650, -47.7050

Conversions

Conversions Part 2

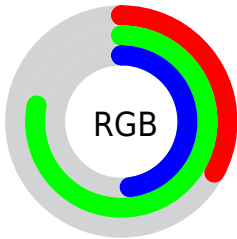
Format	Color
RYB	83, 168, 198
Decimal	5490299
CIELab	72.00, -49.26, 28.08
CIElCh	72, 56.703, 150.315
Yxy	43.6590, 0.2826, 0.4514
Android (android.graphics.Color)	4283680379 (0xFF53C67B)
YUV	155.0650, -15.8080, -63.2010
Hunter-Lab	66.0750, -41.7788, 23.1678

Details

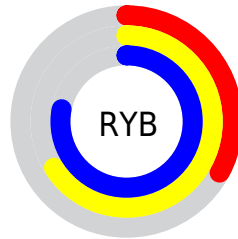
The CIELCh color **72, 56.703, 150.315** is a dark color, and the websafe version is hex **66CC66**. The color can be described as middle muted spring green. A complement of this color would be **53, 57.237, 341.384**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **92, 56.536, 150.439**, and **52, 56.665, 150.191** is the 20% darker color. If you saturate the color by 10%, you get **71, 64.902, 148.732**, and if you desaturate by 10%, it is **73, 47.764, 151.706**.

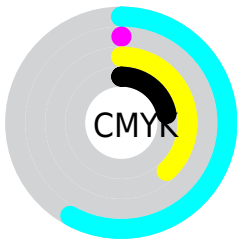
Distribution



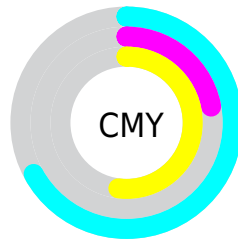
- Red (33%)
- Green (78%)
- Blue (48%)



- Red (33%)
- Yellow (66%)
- Blue (78%)



- Cyan (58%)
- Magenta (0%)
- Yellow (38%)
- Black (22%)





- Cyan (67%)
- Magenta (22%)
- Yellow (52%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 56.703, 150.315 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, 56.703, 150.315 by changing the saturation by 10% instead.


 72, 56.703,
150.315


 72, 56.703,
150.315


 100, 56.703,
150.315


 62, 56.703,
150.315


 92, 56.703,
150.315

 52, 56.703,
150.315

 42, 56.703,
150.315

 32, 56.703,
150.315

 22, 56.703,
150.315

 12, 56.703,
150.315

 2, 56.703, 150.315

0, 56.703, 150.315

72, 56.703,
150.315

72, 56.703,
150.315

71, 64.902,
148.732

73, 47.764,
151.706

71, 72.207,
146.955

74, 38.263,
152.922

70, 78.520,
145.007

75, 28.383,
153.982

70, 83.843,
142.967

77, 18.296,
154.912

70, 84.793,
142.599

78, 8.151, 155.745

80, 1.935, 336.235

82, 11.870,

337.022

■ 84, 21.591,
337.604

■ 86, 29.534,
334.910

Harmonies

Complementary

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



72, 56.703, 150.315



53, 57.237, 341.384

Rectangle

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



72, 56.703, 150.315



72, 56.703, 200.315



72, 56.703, 330.315



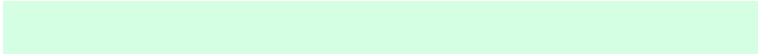
72, 56.703, 20.315

Sweetspot

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



72, 56.704, 150.315



96, 21.123, 154.983



75, 60.516, 120.075



51, 14.131, 154.805



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, 56.704, 150.315



89, 81.263, 148.224



73, 37.095, 180.227



41, 5.745, 155.639



59, 72.933, 142.919



11, 22.296, 150.634

Inverse Universe

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



53, 57.237, 341.384



62, 80.253, 343.075



51, 49.172, 14.693



39, 5.782, 336.918



36, 64.357, 348.305



4, 19.775, 343.536

Previews

White Background



This preview shows how the CIELCh color 72, 56.703, 150.315 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, 56.703, 150.315 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

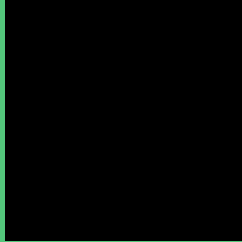
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 56.703, 150.315

Background



This preview shows how black text looks on a background with the CIELCh color 72, 56.703, 150.315.

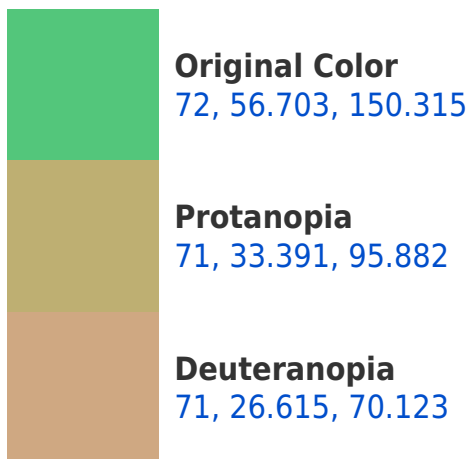


This preview shows how white text looks on a background with the CIELCh color 72, 56.703, 150.315.

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



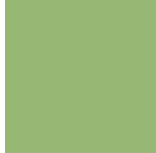


Tritanopia
72, 26.093, 217.350

Trichromacy



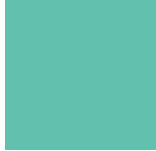
Original Color
72, 56.703, 150.315



Protanomaly
71, 37.600, 126.852



Deuteranomaly
70, 28.833, 121.209

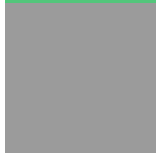


Tritanomaly
72, 32.063, 180.039

Monochromacy



Original Color
72, 56.703, 150.315



Achromatopsia
64, 0.008, 296.813



Achromatomaly
66, 22.300, 153.747

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 56.703, 150.315 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(83, 198, 123)` looks like.

```
.text, #text, p{  
    color:rgb(83, 198, 123)  
}
```

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(83, 198, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 198, 123) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 56.703, 150.315 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(83, 198, 123) }
```

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

```
.border{ border-color:rgb(83, 198, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 198, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 198, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 198, 123);  
box-shadow:4px 4px 4px 4px rgb(83, 198,  
123) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 56.703, 150.315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 198, 123) }
```

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

```
.background{ background-color: rgb(83, 198,  
123) }
```

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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