

Converting Colors

CIELCh(72, 50.628, 156.030)

Have a look what the booklet for
CIELCh(72, 50.628, 156.030)
contains.

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Color

CIELCh(72, 50.585, 155.936)

Conversions

Conversions Part 1

Format	Color
Hex	53C589
RGB	83, 197, 137
RGB Percent	33%, 77%, 54%
CMY	0.6739, 0.2268, 0.4622
CMYK	0.58, 0.00, 0.30, 0.23
HSL	148°, 50%, 55%
HSV	148°, 58%, 77%
XYZ	28.1085, 43.6590, 30.6659
YIQ	156.0740, -48.6840, -42.8280

Conversions

Conversions Part 2

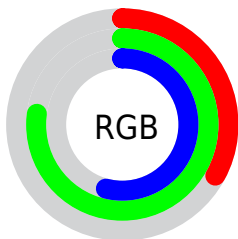
Format	Color
RYB	83, 160, 197
Decimal	5490057
CIELab	72.00, -46.19, 20.63
CIElCh	72, 50.585, 155.936
Yxy	43.6590, 0.2744, 0.4262
Android (android.graphics.Color)	4283680137 (0xFF53C589)
YUV	156.0740, -9.4035, -64.0859
Hunter-Lab	66.0750, -39.6969, 18.7355

Details

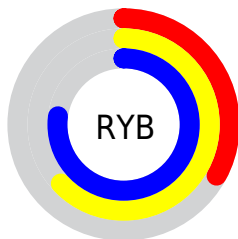
The CIELCh color **72, 50.585, 155.936** is a dark color, and the websafe version is hex **66CC99**. The color can be described as middle muted spring green. A complement of this color would be **52, 52.908, 348.567**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **92, 50.277, 156.228**, and **52, 50.349, 156.112** is the 20% darker color. If you saturate the color by 10%, you get **71, 57.798, 154.303**, and if you desaturate by 10%, it is **73, 42.685, 157.375**.

Distribution



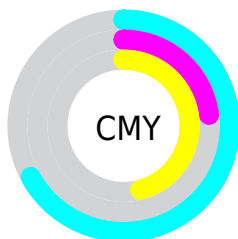
- Red (33%)
- Green (77%)
- Blue (54%)



- Red (33%)
- Yellow (63%)
- Blue (77%)



- Cyan (58%)
- Magenta (0%)
- Yellow (30%)
- Black (23%)





- Cyan (67%)
- Magenta (23%)
- Yellow (46%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 50.585, 155.936 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, 50.585, 155.936 by changing the saturation by 10% instead.


 72, 50.585,
155.936


 72, 50.585,
155.936


 100, 50.585,
155.936


 62, 50.585,
155.936


 92, 50.585,
155.936

 52, 50.585,
155.936

 42, 50.585,
155.936

 32, 50.585,
155.936

 22, 50.585,
155.936

 12, 50.585,
155.936

 2, 50.585, 155.936

0, 50.585, 155.936

72, 50.585,
155.936

72, 50.585,
155.936

71, 57.798,
154.303

73, 42.685,
157.375

71, 64.211,
152.461

74, 34.240,
158.642

70, 69.776,
150.412

75, 25.408,
159.762

70, 74.547,
148.208

77, 16.338,
160.760

70, 75.537,
147.743

78, 7.164, 161.676

80, 2.002, 342.222

82, 11.074,

343.106

■ 84, 19.987,
343.784

■ 86, 27.131,
341.564

Harmonies

Complementary

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



72, 50.585, 155.936



52, 52.908, 348.567

Rectangle

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



72, 50.585, 155.936



72, 50.585, 205.936



72, 50.585, 335.936



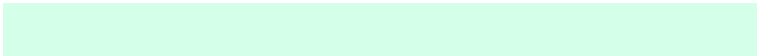
72, 50.585, 25.936

Sweetspot

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



72, 50.586, 155.936



97, 19.210, 160.813



74, 62.082, 125.298



51, 12.844, 160.619



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, 50.586, 155.936



90, 71.978, 153.909



73, 33.787, 193.357



41, 5.236, 161.534



59, 65.184, 148.085



11, 20.473, 154.805

Inverse Universe

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



52, 52.908, 348.567



62, 74.392, 350.824



50, 50.430, 24.533



39, 5.296, 342.968



35, 61.079, 359.100



4, 18.128, 351.360

Previews

White Background



This preview shows how the CIELCh color 72, 50.585, 155.936 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, 50.585, 155.936 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, 50.585, 155.936

Background



This preview shows how black text looks on a background with the CIELCh color 72, 50.585, 155.936.

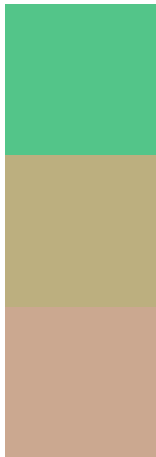


This preview shows how white text looks on a background with the CIELCh color 72, 50.585, 155.936.

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, 50.585, 155.936

Protanopia
71, 26.474, 95.789

Deuteranopia
71, 19.526, 61.728

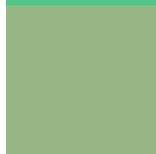


Tritanopia
72, 26.906, 215.411

Trichromacy



Original Color
72, 50.585, 155.936



Protanomaly
71, 30.950, 132.342



Deuteranomaly
71, 21.569, 129.564

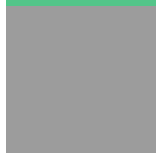


Tritanomaly
72, 31.394, 184.879

Monochromacy



Original Color
72, 50.585, 155.936



Achromatopsia
64, 0.008, 296.813



Achromatomaly
67, 19.698, 159.676

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 50.585, 155.936 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, 197, 137)` looks like.

```
.text, #text, p{  
    color:rgb(83, 197, 137)  
}
```

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, 197, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 197, 137) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 50.585, 155.936 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, 197, 137) }
```

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

```
.border{ border-color:rgb(83, 197, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 197, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 197, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 197, 137);  
box-shadow:4px 4px 4px 4px rgb(83, 197,  
137) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 50.585, 155.936 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 197, 137) }
```

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

```
.background{ background-color: rgb(83, 197,  
137) }
```

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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