

Converting Colors

CIELCh(72, 65.413, 143.548)

Have a look what the booklet for
CIELCh(72, 65.413, 143.548)
contains.

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Color

CIELCh(72, 65.413, 143.548)

Conversions

Conversions Part 1

Format	Color
Hex	55C766
RGB	85, 199, 102
RGB Percent	33%, 78%, 40%
CMY	0.6673, 0.2202, 0.6005
CMYK	0.57, 0.00, 0.49, 0.22
HSL	129°, 50%, 56%
HSV	129°, 57%, 78%
XYZ	26.5128, 43.6590, 19.5650
YIQ	153.8560, -36.8070, -54.3350

Conversions

Conversions Part 2

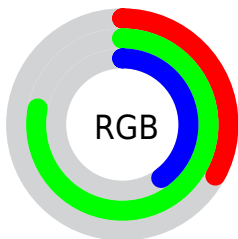
Format	Color
RYB	85, 184, 199
Decimal	5621606
CIELab	72.00, -52.62, 38.87
CIELCh	72, 65.413, 143.548
Yxy	43.6590, 0.2955, 0.4865
Android (android.graphics.Color)	4283811686 (0xFF55C766)
YUV	153.8560, -25.5650, -60.3867
Hunter-Lab	66.0750, -44.0074, 28.6966

Details

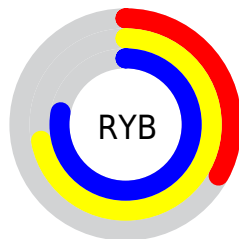
The CIELCh color **72, 65.413, 143.548** is a dark color, and the websafe version is hex **66CC66**. The color can be described as dark muted spring green. A complement of this color would be **54, 64.680, 332.372**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **92, 64.297, 143.670**, and **52, 65.386, 143.557** is the 20% darker color. If you saturate the color by 10%, you get **71, 74.918, 142.162**, and if you desaturate by 10%, it is **73, 54.932, 144.799**.

Distribution



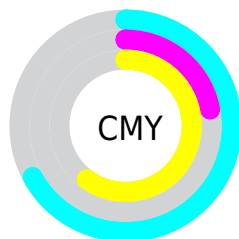
- Red (33%)
- Green (78%)
- Blue (40%)



- Red (33%)
- Yellow (72%)
- Blue (78%)



- Cyan (57%)
- Magenta (0%)
- Yellow (49%)
- Black (22%)





- Cyan (67%)
- Magenta (22%)
- Yellow (60%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 65.413, 143.548 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, 65.413, 143.548 by changing the saturation by 10% instead.


 72, 65.413,
143.548


 72, 65.413,
143.548


 100, 65.413,
143.548


 62, 65.413,
143.548


 92, 65.413,
143.548

 52, 65.413,
143.548

 42, 65.413,
143.548

 32, 65.413,
143.548

 22, 65.413,
143.548

 12, 65.413,
143.548

 2, 65.413, 143.548

0, 65.413, 143.548

72, 65.413,
143.548

72, 65.413,
143.548

71, 74.918,
142.162

73, 54.932,
144.799

71, 83.147,
140.683

74, 43.764,
145.899

70, 89.812,
139.194

75, 32.172,
146.855

70, 94.694,
137.829

77, 20.382,
147.680

70, 95.727,
137.540

79, 8.577, 148.403

81, 3.104, 328.878

83, 14.560,

329.473

■ 85, 25.724,
329.931

■ 87, 34.843,
326.080

Harmonies

Complementary

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



72, 65.413, 143.548



54, 64.680, 332.372

Rectangle

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



72, 65.413, 143.548



72, 65.413, 193.548



72, 65.413, 323.548



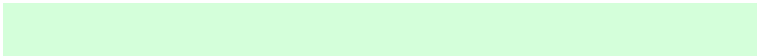
72, 65.413, 13.548

Sweetspot

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



72, 65.414, 143.548



96, 24.460, 147.686



77, 58.100, 111.228



51, 16.370, 147.528



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, 65.414, 143.548



89, 93.174, 141.772



73, 43.810, 165.006



41, 6.643, 148.260



58, 82.270, 137.742



11, 24.732, 146.276

Inverse Universe

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



54, 64.680, 332.372



64, 90.401, 333.183



52, 49.562, 359.331



39, 6.659, 329.351



37, 73.719, 335.151



4, 23.482, 332.642

Previews

White Background



This preview shows how the CIELCh color 72, 65.413, 143.548 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, 65.413, 143.548 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, 65.413, 143.548

Background



This preview shows how black text looks on a background with the CIELCh color 72, 65.413, 143.548.



This preview shows how white text looks on a background with the CIELCh color 72, 65.413, 143.548.

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, 65.413, 143.548

Protanopia
71, 43.706, 95.504

Deuteranopia
71, 36.914, 75.139



Tritanopia
72, 25.100, 216.873

Trichromacy



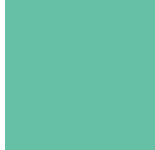
Original Color
72, 65.413, 143.548



Protanomaly
71, 47.406, 120.980



Deuteranomaly
70, 38.691, 114.445



Tritanomaly
72, 33.823, 171.962

Monochromacy



Original Color
72, 65.413, 143.548



Achromatopsia
64, 0.008, 296.813



Achromatomaly
66, 25.043, 147.062

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 65.413, 143.548 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(85, 199, 102)` looks like.

```
.text, #text, p{  
    color:rgb(85, 199, 102)  
}
```

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(85, 199, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 199, 102) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 65.413, 143.548 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(85, 199, 102) }
```

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

```
.border{ border-color:rgb(85, 199, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 199, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 199, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 199, 102);  
box-shadow:4px 4px 4px 4px rgb(85, 199,  
102) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 65.413, 143.548 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 199, 102) }
```

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

```
.background{ background-color: rgb(85, 199,  
102) }
```

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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