

Converting Colors

CIELCh(71, 55.356, 140.556)

Have a look what the booklet for
CIELCh(71, 55.356, 140.556)
contains.

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Color

CIELCh(71, 55.128, 140.503)

Conversions

Conversions Part 1

Format	Color
Hex	6DC06B
RGB	109, 192, 107
RGB Percent	43%, 75%, 42%
CMY	0.5712, 0.2457, 0.5792
CMYK	0.43, 0.00, 0.44, 0.25
HSL	119°, 40%, 59%
HSV	119°, 44%, 75%
XYZ	27.9413, 42.1875, 20.6654
YIQ	157.4930, -22.1830, -44.0310

Conversions

Conversions Part 2

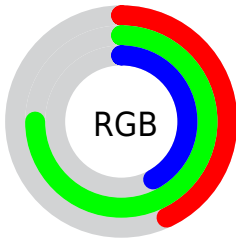
Format	Color
RYB	107, 192, 190
Decimal	7192683
CIELab	71.00, -42.54, 35.06
CIELCh	71, 55.128, 140.503
Yxy	42.1875, 0.3077, 0.4646
Android (android.graphics.Color)	4285382763 (0xFF6DC06B)
YUV	157.4930, -24.8930, -42.5284
Hunter-Lab	64.9519, -36.8779, 26.6023

Details

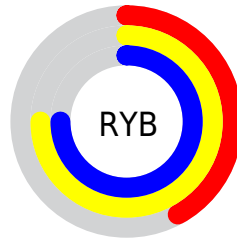
The CIELCh color **71, 55.128, 140.503** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **57, 55.064, 326.058**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 55.030, 140.764**, and **51, 55.502, 140.415** is the 20% darker color. If you saturate the color by 10%, you get **70, 66.465, 139.478**, and if you desaturate by 10%, it is **72, 43.044, 141.440**.

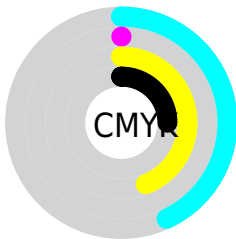
Distribution



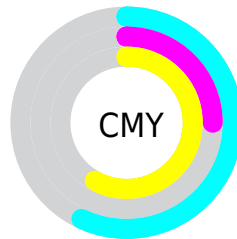
- Red (43%)
- Green (75%)
- Blue (42%)



- Red (42%)
- Yellow (75%)
- Blue (75%)



- Cyan (43%)
- Magenta (0%)
- Yellow (44%)
- Black (25%)





- Cyan (57%)
- Magenta (25%)
- Yellow (58%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 55.128, 140.503 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 71, 55.128, 140.503 by changing the saturation by 10% instead.


 71, 55.128,
140.503


 71, 55.128,
140.503


 100, 55.128,
140.503


 61, 55.128,
140.503


 91, 55.128,
140.503

 51, 55.128,
140.503

 41, 55.128,
140.503

 31, 55.128,
140.503

 21, 55.128,
140.503

 11, 55.128,
140.503

 1, 55.128, 140.503

■ 0, 55.128, 140.503

■ 71, 55.128,
140.503

■ 71, 55.128,
140.503

■ 70, 66.465,
139.478

■ 72, 43.044,
141.440

■ 69, 76.639,
138.415

■ 74, 30.542,
142.267

■ 69, 85.167,
137.413

■ 75, 17.882,
142.986

■ 68, 91.539,
136.608

■ 77, 5.257, 143.627

■ 68, 95.392,
136.126

■ 79, 7.190, 324.063

■ 68, 96.759,
135.922

■ 81, 19.365,
324.521

■ 83, 31.207,

324.896

■ 85, 39.295,
325.788

Harmonies

Complementary

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



71, 55.128, 140.503



57, 55.064, 326.058

Rectangle

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



71, 55.128, 140.503



71, 55.128, 190.503



71, 55.128, 320.503



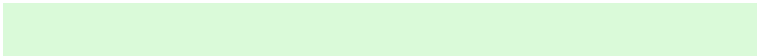
71, 55.128, 10.503

Sweetspot

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



71, 55.129, 140.503



95, 20.227, 143.052



75, 43.076, 104.465



50, 14.166, 142.903



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



71, 55.129, 140.503



89, 80.439, 139.516



72, 39.128, 157.522



40, 7.159, 143.299



57, 84.650, 135.899



10, 24.109, 143.652

Inverse Universe

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



57, 55.064, 326.058



69, 80.064, 326.465



56, 40.778, 346.194



38, 7.172, 324.282



37, 81.892, 327.304



4, 23.921, 325.344

Previews

White Background



This preview shows how the CIELCh color 71, 55.128, 140.503 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 71, 55.128, 140.503 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 71, 55.128, 140.503

Background



This preview shows how black text looks on a background with the CIELCh color 71, 55.128, 140.503.

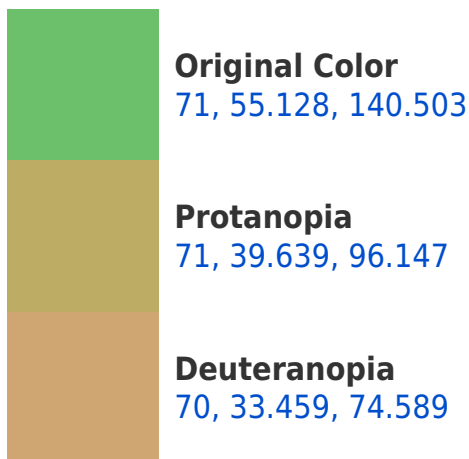


This preview shows how white text looks on a background with the CIELCh color 71, 55.128, 140.503.

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





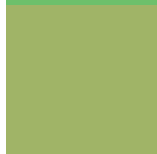
Tritanopia

71, 19.448, 223.259

Trichromacy



Original Color
71, 55.128, 140.503



Protanomaly
70, 41.685, 117.690



Deuteranomaly
70, 33.822, 109.598



Tritanomaly
71, 26.085, 169.850

Monochromacy



Original Color
71, 55.128, 140.503



Achromatopsia
65, 0.008, 296.813



Achromatomaly
67, 20.269, 143.359

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 55.128, 140.503 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(109, 192, 107)` looks like.

```
.text, #text, p{  
    color:rgb(109, 192, 107)  
}
```

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(109, 192, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 192, 107) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 55.128, 140.503 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(109, 192, 107) }
```

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

```
.border{ border-color:rgb(109, 192, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 192, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(109, 192, 107); -webkit-box-shadow:4px 4px 4px 4px rgb(109, 192, 107); box-shadow:4px 4px 4px 4px rgb(109, 192, 107) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 55.128, 140.503 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 192, 107) }
```

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

```
.background{ background-color: rgb(109,  
192, 107) }
```

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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