

Converting Colors

CIELCh(70, 66.418, 140.536)

Have a look what the booklet for
CIELCh(70, 66.418, 140.536)
contains.

CIELCh(70, 66.650, 140.541)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(70, 66.650, 140.541)

Conversions

Conversions Part 1

Format	Color
Hex	57C15A
RGB	87, 193, 90
RGB Percent	34%, 76%, 35%
CMY	0.6601, 0.2443, 0.6481
CMYK	0.55, 0.00, 0.53, 0.24
HSL	122°, 46%, 55%
HSV	122°, 55%, 76%
XYZ	24.7367, 40.7494, 16.1726
YIQ	149.5640, -30.1130, -54.5050

Conversions

Conversions Part 2

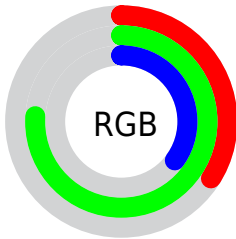
Format	Color
RYB	87, 190, 193
Decimal	5751130
CIELab	70.00, -51.46, 42.36
CIELCh	70, 66.650, 140.541
Yxy	40.7494, 0.3029, 0.4990
Android (android.graphics.Color)	4283941210 (0xFF57C15A)
YUV	149.5640, -29.3651, -54.8686
Hunter-Lab	63.8353, -42.5415, 29.6636

Details

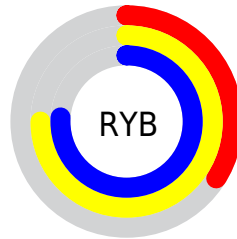
The CIELCh color **70, 66.650, 140.541** is a dark color, and the websafe version is hex **66CC66**. The color can be described as dark muted green. A complement of this color would be **54, 66.070, 328.102**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 66.603, 140.449**, and **50, 66.589, 140.543** is the 20% darker color. If you saturate the color by 10%, you get **69, 76.644, 139.358**, and if you desaturate by 10%, it is **71, 55.503, 141.657**.

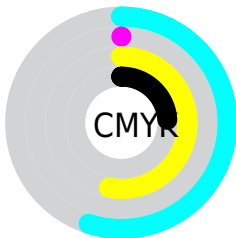
Distribution



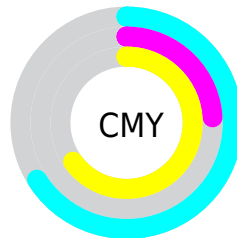
- Red (34%)
- Green (76%)
- Blue (35%)



- Red (34%)
- Yellow (75%)
- Blue (76%)



- Cyan (55%)
- Magenta (0%)
- Yellow (53%)
- Black (24%)





- Cyan (66%)
- Magenta (24%)
- Yellow (65%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 66.650, 140.541 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 70, 66.650, 140.541 by changing the saturation by 10% instead.


 70, 66.650,
140.541


 70, 66.650,
140.541


 100, 66.650,
140.541


 60, 66.650,
140.541


 90, 66.650,
140.541

 50, 66.650,
140.541

 40, 66.650,
140.541

 30, 66.650,
140.541

 20, 66.650,
140.541

 10, 66.650,
140.541

 0, 66.650, 140.541

70, 66.650,
140.541

70, 66.650,
140.541

69, 76.644,
139.358

71, 55.503,
141.657

69, 85.037,
138.192

72, 43.592,
142.662

68, 91.373,
137.172

74, 31.243,
143.541

68, 95.313,
136.435

75, 18.716,
144.301

68, 96.498,
136.237

77, 6.212, 144.972

79, 6.126, 325.434

81, 18.194,
325.924

83, 29.931,
326.323

■ 85, 39.071,
325.781

Harmonies

Complementary

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



70, 66.650, 140.541



54, 66.070, 328.102

Rectangle

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



70, 66.650, 140.541



70, 66.650, 190.541



70, 66.650, 320.541



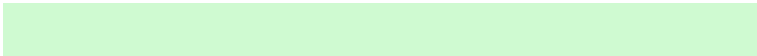
70, 66.650, 10.541

Sweetspot

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



70, 66.651, 140.541



94, 26.187, 144.140



76, 54.288, 105.851



50, 17.523, 143.990



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



70, 66.651, 140.541



87, 95.425, 139.117



71, 45.792, 158.567



40, 7.075, 144.685



57, 84.219, 136.292



10, 23.932, 144.602

Inverse Universe

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



54, 66.070, 328.102



64, 93.679, 328.588



52, 48.710, 350.823



38, 7.086, 325.709



38, 80.005, 329.394



4, 23.583, 327.307

Previews

White Background



This preview shows how the CIELCh color 70, 66.650, 140.541 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 70, 66.650, 140.541 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 70, 66.650, 140.541

Background



This preview shows how black text looks on a background with the CIELCh color 70, 66.650, 140.541.



This preview shows how white text looks on a background with the CIELCh color 70, 66.650, 140.541.

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
70, 66.650, 140.541

Protanopia
70, 47.236, 95.677

Deuteranopia
69, 40.410, 77.152



Tritanopia
70, 23.199, 218.757

Trichromacy



Original Color
70, 66.650, 140.541



Protanomaly
69, 50.065, 118.509



Deuteranomaly
68, 41.712, 111.804



Tritanomaly
69, 32.628, 168.706

Monochromacy



Original Color
70, 66.650, 140.541



Achromatopsia
62, 0.008, 296.813



Achromatomaly
64, 26.067, 143.591

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 66.650, 140.541 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(87, 193, 90)` looks like.

```
.text, #text, p{  
    color:rgb(87, 193, 90)  
}
```

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(87, 193, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 193, 90) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 66.650, 140.541 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(87, 193, 90) }
```

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

```
.border{ border-color:rgb(87, 193, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 193, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 193, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 193, 90);  
box-shadow:4px 4px 4px 4px rgb(87, 193,  
90) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 66.650, 140.541 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 193, 90) }
```

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

```
.background{ background-color: rgb(87, 193,  
90) }
```

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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