

Converting Colors

CIELCh(70, 69.558, 138.657)

Have a look what the booklet for
CIELCh(70, 69.558, 138.657)
contains.

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Color

CIELCh(70, 69.628, 138.562)

Conversions

Conversions Part 1

Format	Color
Hex	58C152
RGB	88, 193, 82
RGB Percent	35%, 76%, 32%
CMY	0.6555, 0.2437, 0.6789
CMYK	0.54, 0.00, 0.58, 0.24
HSL	117°, 47%, 54%
HSV	117°, 58%, 76%
XYZ	24.5653, 40.7494, 14.5266
YIQ	148.9510, -26.9490, -56.7810

Conversions

Conversions Part 2

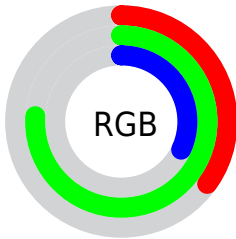
Format	Color
RYB	82, 193, 187
Decimal	5816658
CIELab	70.00, -52.20, 46.08
CIELCh	70, 69.628, 138.562
Yxy	40.7494, 0.3077, 0.5104
Android (android.graphics.Color)	4284006738 (0xFF58C152)
YUV	148.9510, -33.0068, -53.4540
Hunter-Lab	63.8353, -43.0208, 31.1924

Details

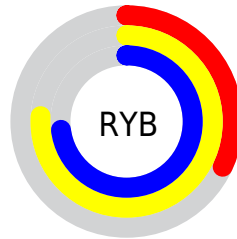
The CIELCh color **70, 69.628, 138.562** is a dark color, and the websafe version is hex **66CC66**. The color can be described as dark muted green. A complement of this color would be **52, 69.419, 325.677**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 69.662, 138.470**, and **50, 69.565, 138.521** is the 20% darker color. If you saturate the color by 10%, you get **69, 79.352, 137.597**, and if you desaturate by 10%, it is **71, 58.637, 139.535**.

Distribution



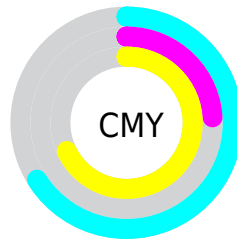
- Red (35%)
- Green (76%)
- Blue (32%)



- Red (32%)
- Yellow (76%)
- Blue (73%)



- Cyan (54%)
- Magenta (0%)
- Yellow (58%)
- Black (24%)





- Cyan (66%)
- Magenta (24%)
- Yellow (68%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 69.628, 138.562 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, 69.628, 138.562 by changing the saturation by 10% instead.


 70, 69.628,
138.562


 70, 69.628,
138.562


 100, 69.628,
138.562


 60, 69.628,
138.562


 90, 69.628,
138.562

 50, 69.628,
138.562

 40, 69.628,
138.562

 30, 69.628,
138.562

 20, 69.628,
138.562

 10, 69.628,
138.562

 0, 69.628, 138.562

70, 69.628,
138.562

70, 69.628,
138.562

69, 79.352,
137.597

71, 58.637,
139.535

69, 87.305,
136.750

72, 46.808,
140.447

68, 92.990,
136.157

73, 34.489,
141.267

68, 96.211,
135.887

75, 21.948,
141.986

68, 96.796,
135.805

77, 9.391, 142.616

78, 3.035, 323.036

81, 15.225,
323.545

83, 27.111,
323.929

■ 85, 38.463,
324.438

Harmonies

Complementary

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



70, 69.628, 138.562



52, 69.419, 325.677

Rectangle

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



70, 69.628, 138.562



70, 69.628, 188.562



70, 69.628, 318.562



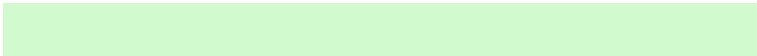
70, 69.628, 8.562

Sweetspot

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



70, 69.629, 138.563



95, 26.237, 142.005



74, 53.461, 101.544



50, 17.557, 141.868



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, 69.629, 138.563



87, 99.099, 137.366



71, 51.254, 154.080



40, 7.089, 142.506



57, 84.479, 135.752



10, 23.919, 143.083

Inverse Universe

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



52, 69.419, 325.677



62, 98.044, 326.022



51, 52.897, 346.073



38, 7.106, 323.450



36, 82.039, 326.144



4, 23.550, 324.024

Previews

White Background



This preview shows how the CIELCh color 70, 69.628, 138.562 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, 69.628, 138.562 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, 69.628, 138.562

Background



This preview shows how black text looks on a background with the CIELCh color 70, 69.628, 138.562.

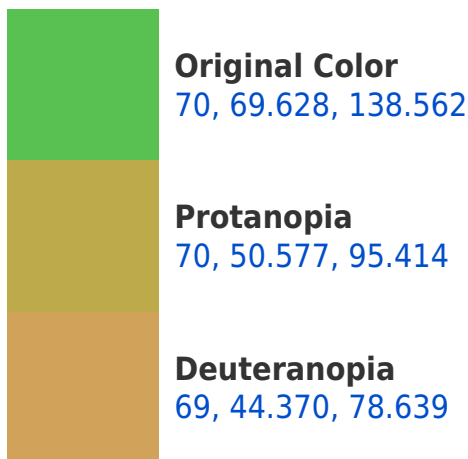


This preview shows how white text looks on a background with the CIELCh color 70, 69.628, 138.562.

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
70, 22.717, 219.255

Trichromacy



Original Color
70, 69.628, 138.562



Protanomaly
69, 53.590, 116.904



Deuteranomaly
68, 45.585, 110.411



Tritanomaly
69, 33.136, 165.921

Monochromacy



Original Color
70, 69.628, 138.562



Achromatopsia
62, 0.008, 296.813



Achromatomaly
64, 26.766, 141.633

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 69.628, 138.562 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(88, 193, 82)` looks like.

```
.text, #text, p{  
    color:rgb(88, 193, 82)  
}
```

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(88, 193, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 193, 82) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 69.628, 138.562 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(88, 193, 82) }
```

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

```
.border{ border-color:rgb(88, 193, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 193, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 193, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 193, 82);  
box-shadow:4px 4px 4px 4px rgb(88, 193,  
82) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 69.628, 138.562 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 193, 82) }
```

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

```
.background{ background-color: rgb(88, 193,  
82) }
```

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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