

Converting Colors

CIELCh(68, 57.734, 141.617)

Have a look what the booklet for
CIELCh(68, 57.734, 141.617)
contains.

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Color

CIELCh(68, 57.734, 141.617)

Conversions

Conversions Part 1

Format	Color
Hex	5EB962
RGB	94, 185, 98
RGB Percent	37%, 73%, 38%
CMY	0.6313, 0.2744, 0.6156
CMYK	0.49, 0.00, 0.47, 0.27
HSL	123°, 39%, 55%
HSV	123°, 49%, 73%
XYZ	24.1788, 37.9720, 17.6160
YIQ	147.8730, -26.3090, -46.3490

Conversions

Conversions Part 2

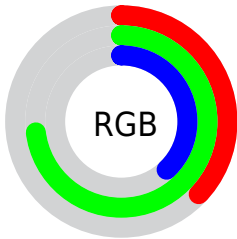
Format	Color
RYB	94, 181, 185
Decimal	6207842
CIELab	68.00, -45.26, 35.85
CIElCh	68, 57.734, 141.617
Yxy	37.9720, 0.3031, 0.4760
Android (android.graphics.Color)	4284397922 (0xFF5EB962)
YUV	147.8730, -24.5874, -47.2466
Hunter-Lab	61.6215, -37.7982, 26.1856

Details

The CIELCh color **68, 57.734, 141.617** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **54, 57.413, 328.292**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **88, 57.892, 141.572**, and **48, 57.620, 141.686** is the 20% darker color. If you saturate the color by 10%, you get **67, 68.052, 140.453**, and if you desaturate by 10%, it is **69, 46.567, 142.676**.

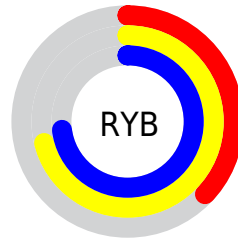
Distribution



Red (37%)

Green (73%)

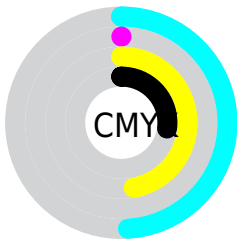
Blue (38%)



Red (37%)

Yellow (71%)

Blue (73%)

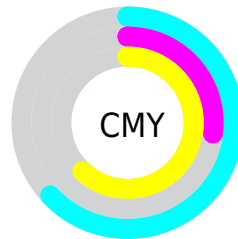


Cyan (49%)

Magenta (0%)

Yellow (47%)

Black (27%)



Cyan (63%)


Magenta (27%)


Yellow (62%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 57.734, 141.617 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 68, 57.734, 141.617 by changing the saturation by 10% instead.


 68, 57.734,
141.617


 68, 57.734,
141.617


 100, 57.734,
141.617


 58, 57.734,
141.617


 88, 57.734,
141.617

 48, 57.734,
141.617

 98, 57.734,
141.617

 38, 57.734,
141.617

 28, 57.734,
141.617

 18, 57.734,
141.617

 8, 57.734, 141.617

 0, 57.734, 141.617

■ 68, 57.734,
141.617

■ 68, 57.734,
141.617

■ 67, 68.052,
140.453

■ 69, 46.567,
142.676

■ 66, 77.139,
139.234

■ 70, 34.873,
143.610

■ 66, 84.578,
138.058

■ 72, 22.921,
144.418

■ 66, 89.968,
137.055

■ 73, 10.919,
145.119

■ 66, 93.134,
136.399

■ 75, 0.973, 325.422

■ 66, 93.320,
136.371

■ 77, 12.646,
326.159

■ 79, 24.024,
326.593

■ 82, 35.063,
326.957

■ 84, 43.851,
325.944

Harmonies

Complementary

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



68, 57.734, 141.617



54, 57.413, 328.292

Rectangle

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



68, 57.734, 141.617



68, 57.734, 191.617



68, 57.734, 321.617



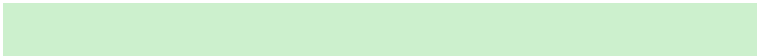
68, 57.734, 11.617

Sweetspot

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



68, 57.735, 141.617



91, 22.089, 144.706



73, 47.496, 107.118



48, 15.073, 144.555



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



68, 57.735, 141.617



85, 83.556, 140.358



69, 39.536, 160.315



38, 6.695, 145.109



56, 81.925, 136.453



8, 18.483, 145.311

Inverse Universe

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



54, 57.413, 328.292



64, 82.488, 328.791



52, 42.201, 350.919



36, 6.707, 326.131



36, 77.220, 330.034



3, 18.003, 326.444

Previews

White Background



This preview shows how the CIELCh color 68, 57.734, 141.617 looks on a white background.

Color Contrast Check

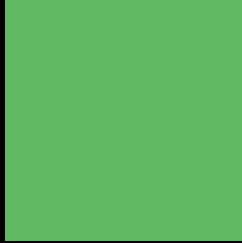
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 68, 57.734, 141.617 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 68, 57.734, 141.617

Background



This preview shows how black text looks on a background with the CIELCh color 68, 57.734, 141.617.

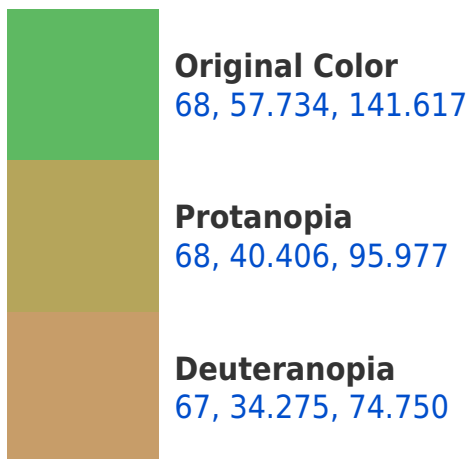


This preview shows how white text looks on a background with the CIELCh color 68, 57.734, 141.617.

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
68, 20.871, 219.828

Trichromacy



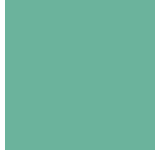
Original Color
68, 57.734, 141.617



Protanomaly
67, 42.725, 119.034



Deuteranomaly
67, 35.155, 110.658



Tritanomaly
68, 28.381, 170.512

Monochromacy



Original Color
68, 57.734, 141.617



Achromatopsia
61, 0.008, 296.813



Achromatomaly
63, 21.621, 144.800

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 57.734, 141.617 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(94, 185, 98)` looks like.

```
.text, #text, p{  
    color:rgb(94, 185, 98)  
}
```

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(94, 185, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 185, 98) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 57.734, 141.617 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(94, 185, 98) }
```

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

```
.border{ border-color:rgb(94, 185, 98) }
```

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

Here you see how a box with a 4 pixel rgb(94, 185, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 185, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 185, 98);  
box-shadow:4px 4px 4px 4px rgb(94, 185,  
98) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 57.734, 141.617 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 185, 98) }
```

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

```
.background{ background-color: rgb(94, 185,  
98) }
```

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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