

Converting Colors

CIELCh(68, 53.142, 141.038)

Have a look what the booklet for
CIELCh(68, 53.142, 141.038)
contains.

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Color

CIELCh(68, 53.345, 141.037)

Conversions

Conversions Part 1

Format	Color
Hex	67B867
RGB	103, 184, 103
RGB Percent	40%, 72%, 40%
CMY	0.5974, 0.2798, 0.5973
CMYK	0.44, 0.00, 0.44, 0.28
HSL	120°, 36%, 56%
HSV	120°, 44%, 72%
XYZ	25.0542, 37.9720, 18.7568
YIQ	150.5470, -22.2750, -42.3630

Conversions

Conversions Part 2

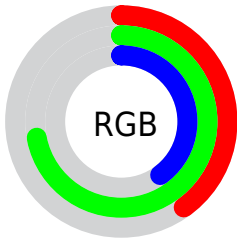
Format	Color
RYB	103, 184, 184
Decimal	6797415
CIELab	68.00, -41.48, 33.54
CIELCh	68, 53.345, 141.037
Yxy	37.9720, 0.3063, 0.4643
Android (android.graphics.Color)	4284987495 (0xFF67B867)
YUV	150.5470, -23.4407, -41.6987
Hunter-Lab	61.6215, -35.2627, 25.0878

Details

The CIELCh color **68, 53.345, 141.037** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **55, 53.183, 326.760**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **88, 53.677, 141.009**, and **48, 53.244, 141.148** is the 20% darker color. If you saturate the color by 10%, you get **67, 64.315, 139.961**, and if you desaturate by 10%, it is **69, 41.636, 142.013**.

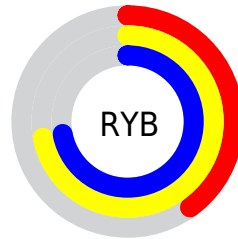
Distribution



Red (40%)

Green (72%)

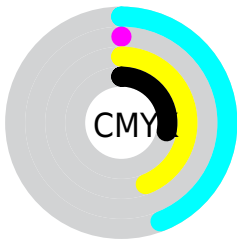
Blue (40%)



Red (40%)

Yellow (72%)

Blue (72%)

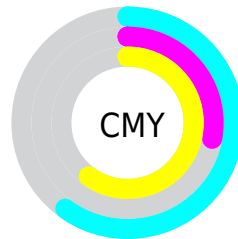


Cyan (44%)

Magenta (0%)

Yellow (44%)

Black (28%)



Cyan (60%)


Magenta (28%)


Yellow (60%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 53.345, 141.037 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, 53.345, 141.037 by changing the saturation by 10% instead.


 68, 53.345,
141.037


 68, 53.345,
141.037


 100, 53.345,
141.037


 58, 53.345,
141.037


 88, 53.345,
141.037

 48, 53.345,
141.037

 98, 53.345,
141.037

 38, 53.345,
141.037

 28, 53.345,
141.037

 18, 53.345,
141.037

 8, 53.345, 141.037

 0, 53.345, 141.037

■ 68, 53.345,
141.037

■ 68, 53.345,
141.037

■ 67, 64.315,
139.961

■ 69, 41.636,
142.013

■ 66, 74.142,
138.832

■ 71, 29.509,
142.869

■ 66, 82.363,
137.747

■ 72, 17.224,
143.610

■ 65, 88.496,
136.842

■ 74, 4.975, 144.270

■ 65, 92.197,
136.251

■ 76, 7.100, 324.718

■ 65, 93.602,
136.019

■ 78, 18.904,
325.187

■ 80, 30.378,
325.572

■ 83, 41.487,
325.896

■ 83, 44.705,
325.973

Harmonies

Complementary

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



68, 53.345, 141.037



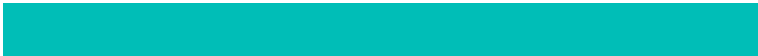
55, 53.183, 326.760

Rectangle

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



68, 53.345, 141.037



68, 53.345, 191.037



68, 53.345, 321.037



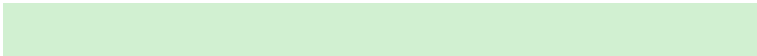
68, 53.345, 11.037

Sweetspot

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



68, 53.346, 141.037



92, 19.704, 143.671



73, 42.642, 106.002



48, 13.793, 143.519



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, 53.346, 141.037



85, 78.261, 139.984



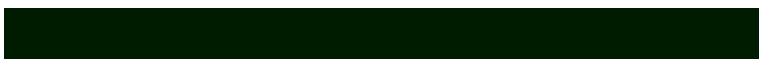
69, 36.578, 159.230



38, 6.898, 143.928



56, 82.794, 136.019



8, 18.889, 144.449

Inverse Universe

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



55, 53.183, 326.760



67, 77.715, 327.193



54, 38.466, 348.119



36, 6.908, 324.935



37, 79.869, 328.245



3, 18.817, 324.756

Previews

White Background



This preview shows how the CIE LCh color 68, 53.345, 141.037 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, 53.345, 141.037 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

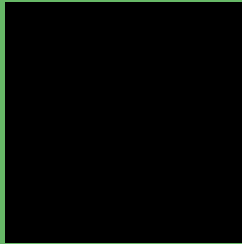
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 68, 53.345, 141.037

Background



This preview shows how black text looks on a background with the CIELCh color 68, 53.345, 141.037.



This preview shows how white text looks on a background with the CIELCh color 68, 53.345, 141.037.

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
68, 53.345, 141.037

Protanopia
68, 37.892, 95.641

Deuteranopia
68, 32.315, 74.813



Tritanopia
68, 19.074, 222.152

Trichromacy



Original Color
68, 53.345, 141.037



Protanomaly
67, 40.375, 117.558



Deuteranomaly
67, 32.501, 109.756



Tritanomaly
68, 25.649, 170.435

Monochromacy



Original Color
68, 53.345, 141.037



Achromatopsia
62, 0.008, 296.813



Achromatomaly
64, 19.770, 143.345

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 53.345, 141.037 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(103, 184, 103)` looks like.

```
.text, #text, p{  
    color:rgb(103, 184, 103)  
}
```

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(103, 184, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 184, 103) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 53.345, 141.037 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(103, 184, 103) }
```

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

```
.border{ border-color:rgb(103, 184, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 184, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 184, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 184, 103);  
box-shadow:4px 4px 4px 4px rgb(103, 184,  
103) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 53.345, 141.037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 184, 103) }
```

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

```
.background{ background-color: rgb(103,  
184, 103) }
```

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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