

Converting Colors

CIELCh(67, 86.041, 140.290)

Have a look what the booklet for
CIELCh(67, 86.041, 140.290)
contains.

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Color

CIELCh(67, 86.053, 140.297)

Conversions

Conversions Part 1

Format	Color
Hex	04BD34
RGB	4, 189, 52
RGB Percent	2%, 74%, 20%
CMY	0.9857, 0.2591, 0.7964
CMYK	0.98, 0.00, 0.73, 0.26
HSL	136°, 96%, 38%
HSV	136°, 98%, 74%
XYZ	18.8442, 36.6320, 9.3169
YIQ	118.0670, -66.2830, -81.8270

Conversions

Conversions Part 2

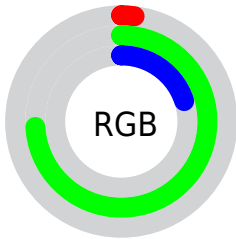
Format	Color
RYB	4, 151, 189
Decimal	310580
CIELab	67.00, -66.21, 54.97
CIElCh	67, 86.053, 140.297
Yxy	36.6320, 0.2908, 0.5654
Android (android.graphics.Color)	4278500660 (0xFF04BD34)
YUV	118.0670, -32.5710, -100.0368
Hunter-Lab	60.5244, -50.3418, 33.2401

Details

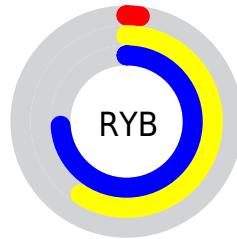
The CIELCh color **67, 86.053, 140.297** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **42, 75.472, 341.814**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **87, 86.384, 140.205**, and **48, 74.270, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **67, 86.948, 139.987**, and if you desaturate by 10%, it is **67, 80.869, 142.101**.

Distribution



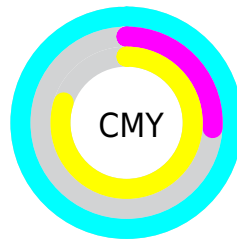
- Red (2%)
- Green (74%)
- Blue (20%)



- Red (2%)
- Yellow (59%)
- Blue (74%)



- Cyan (98%)
- Magenta (0%)
- Yellow (73%)
- Black (26%)





- Cyan (99%)
- Magenta (26%)
- Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 86.053, 140.297 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 67, 86.053, 140.297 by changing the saturation by 10% instead.

 67, 86.053,
140.297

 67, 86.053,
140.297


 100, 86.053,
140.297


 57, 86.053,
140.297


 87, 86.053,
140.297

 47, 86.053,
140.297

 97, 86.053,
140.297

 37, 86.053,
140.297

 27, 86.053,
140.297

 17, 86.053,
140.297

 7, 86.053, 140.297

 0, 86.053, 140.297

■ 67, 86.053,
140.297

■ 67, 86.053,
140.297

■ 67, 86.948,
139.987

■ 67, 80.869,
142.101

■ 68, 74.490,
143.892

■ 68, 66.983,
145.563

■ 69, 58.503,
147.072

■ 70, 49.241,
148.405

■ 71, 39.404,
149.569

■ 72, 29.194,
150.580

■ 74, 18.795,

151.459

■ 75, 8.359, 152.238

Harmonies

Complementary

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



67, 86.053, 140.297



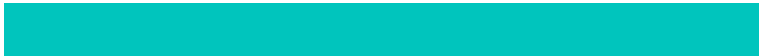
42, 75.472, 341.814

Rectangle

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



67, 86.053, 140.297



67, 86.053, 190.297



67, 86.053, 320.297



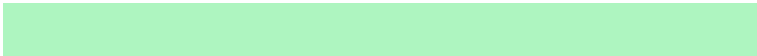
67, 86.053, 10.297

Sweetspot

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



67, 86.053, 140.298



91, 37.208, 150.448



71, 79.921, 117.242



48, 25.477, 150.026



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



67, 86.053, 140.298



85, 106.391, 139.677



68, 52.482, 166.416



39, 5.867, 152.142



57, 75.738, 140.254



9, 19.063, 149.805

Inverse Universe

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



42, 75.472, 341.814



55, 91.579, 342.396



40, 71.055, 24.587



37, 5.892, 333.317



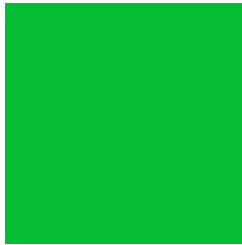
35, 66.428, 341.870



3, 16.649, 337.552

Previews

White Background



This preview shows how the CIELCh color 67, 86.053, 140.297 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 67, 86.053, 140.297 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 67, 86.053, 140.297

Background



This preview shows how black text looks on a background with the CIELCh color 67, 86.053, 140.297.



This preview shows how white text looks on a background with the CIELCh color 67, 86.053, 140.297.

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
67, 86.053, 140.297

Protanopia
67, 59.759, 95.094

Deuteranopia
66, 52.580, 80.853



Tritanopia
67, 29.114, 214.015

Trichromacy



Original Color
67, 86.053, 140.297



Protanomaly
65, 66.420, 124.266



Deuteranomaly
64, 57.692, 120.840



Tritanomaly
66, 45.974, 166.224

Monochromacy



Original Color
67, 86.053, 140.297



Achromatopsia
50, 0.007, 296.813



Achromatomaly
54, 38.729, 148.780

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 86.053, 140.297 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(4, 189, 52)` looks like.

```
.text, #text, p{  
    color:rgb(4, 189, 52)  
}
```

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(4, 189, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 189, 52) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 86.053, 140.297 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(4, 189, 52) }
```

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

```
.border{ border-color:rgb(4, 189, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(4, 189, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 189, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(4, 189, 52);  
box-shadow:4px 4px 4px 4px rgb(4, 189, 52)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 67, 86.053, 140.297 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 189, 52) }
```

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

```
.background{ background-color: rgb(4, 189,  
52) }
```

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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