

Converting Colors

CIELCh(67, 84.529, 139.573)

Have a look what the booklet for
CIELCh(67, 84.529, 139.573)
contains.

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Color

CIELCh(67, 84.257, 139.686)

Conversions

Conversions Part 1

Format	Color
Hex	1EBC35
RGB	30, 188, 53
RGB Percent	12%, 74%, 21%
CMY	0.8835, 0.2615, 0.7909
CMYK	0.84, 0.00, 0.72, 0.26
HSL	129°, 73%, 43%
HSV	129°, 84%, 74%
XYZ	19.2267, 36.6320, 9.4633
YIQ	125.3680, -50.8330, -75.4810

Conversions

Conversions Part 2

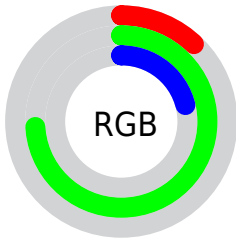
Format	Color
RYB	30, 168, 188
Decimal	2014261
CIELab	67.00, -64.25, 54.51
CIELCh	67, 84.257, 139.686
Yxy	36.6320, 0.2943, 0.5608
Android (android.graphics.Color)	4280204341 (0xFF1EBC35)
YUV	125.3680, -35.6774, -83.6377
Hunter-Lab	60.5244, -49.2137, 33.0968

Details

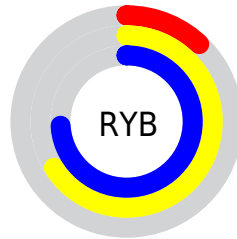
The CIELCh color **67, 84.257, 139.686** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **45, 79.015, 334.083**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **87, 84.494, 139.567**, and **48, 73.868, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **67, 89.520, 138.262**, and if you desaturate by 10%, it is **67, 77.345, 141.178**.

Distribution



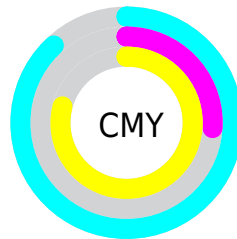
- Red (12%)
- Green (74%)
- Blue (21%)



- Red (12%)
- Yellow (66%)
- Blue (74%)



- Cyan (84%)
- Magenta (0%)
- Yellow (72%)
- Black (26%)



- Cyan (88%)
- Magenta (26%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 84.257, 139.686 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, 84.257, 139.686 by changing the saturation by 10% instead.

 67, 84.257,
139.686

 67, 84.257,
139.686

 100, 84.257,
139.686

 57, 84.257,
139.686

 87, 84.257,
139.686

 47, 84.257,
139.686

 97, 84.257,
139.686

 37, 84.257,
139.686

 27, 84.257,
139.686

 17, 84.257,
139.686

 7, 84.257, 139.686

 0, 84.257, 139.686

■ 67, 84.257,
139.686

■ 67, 84.257,
139.686

■ 67, 89.520,
138.262

■ 67, 77.345,
141.178

■ 67, 91.819,
137.584

■ 68, 69.030,
142.626

■ 69, 59.593,
143.965

■ 70, 49.317,
145.162

■ 71, 38.472,
146.210

■ 72, 27.296,
147.118

■ 74, 15.992,
147.903

■ 76, 4.720, 148.613

Harmonies

Complementary

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



67, 84.257, 139.686



45, 79.015, 334.083

Rectangle

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



67, 84.257, 139.686



67, 84.257, 189.686



67, 84.257, 319.686



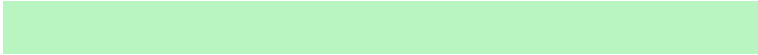
67, 84.257, 9.686

Sweetspot

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



67, 84.257, 139.687



91, 34.852, 147.018



73, 73.558, 110.457



48, 23.758, 146.709



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, 84.257, 139.687



85, 112.392, 137.367



68, 55.531, 160.308



39, 6.362, 148.251



57, 80.313, 137.772



9, 20.162, 147.314

Inverse Universe

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



45, 79.015, 334.083



56, 99.532, 335.347



42, 63.274, 7.494



37, 6.378, 329.333



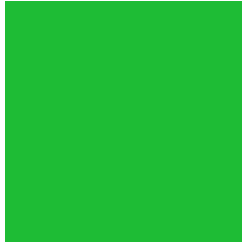
36, 72.060, 335.108



3, 18.542, 331.543

Previews

White Background



This preview shows how the CIELCh color 67, 84.257, 139.686 looks on a white background.

Color Contrast Check

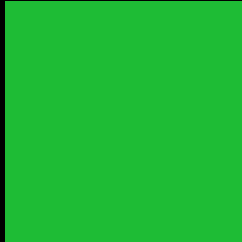
Large Text (above 18pt) WCAG AA × Fail

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, 84.257, 139.686 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

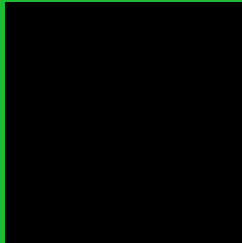
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 84.257, 139.686

Background



This preview shows how black text looks on a background with the CIELCh color 67, 84.257, 139.686.

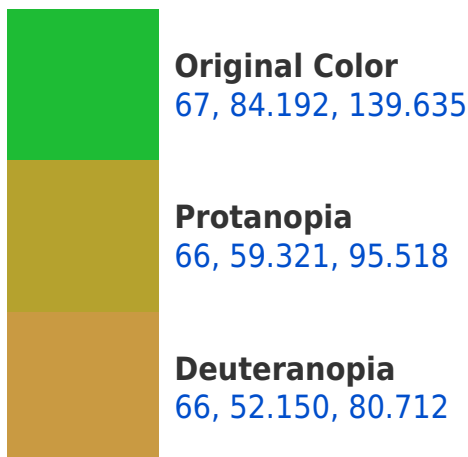


This preview shows how white text looks on a background with the CIELCh color 67, 84.257, 139.686.

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
67, 28.515, 213.228

Trichromacy



Original Color
67, 84.192, 139.635



Protanomaly
65, 64.790, 121.542



Deuteranomaly
64, 55.623, 116.671



Tritanomaly
66, 43.844, 165.619

Monochromacy



Original Color
67, 84.192, 139.635



Achromatopsia
52, 0.007, 296.813



Achromatomaly
56, 35.931, 145.980

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 84.257, 139.686 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(30, 188, 53)` looks like.

```
.text, #text, p{  
    color:rgb(30, 188, 53)  
}
```

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(30, 188, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 188, 53) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 84.257, 139.686 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(30, 188, 53) }
```

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

```
.border{ border-color:rgb(30, 188, 53) }
```

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

Here you see how a box with a 4 pixel rgb(30, 188, 53) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 188, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 188, 53);  
box-shadow:4px 4px 4px 4px rgb(30, 188,  
53) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 84.257, 139.686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 188, 53) }
```

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

```
.background{ background-color: rgb(30, 188,  
53) }
```

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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