

Converting Colors

CIELCh(65, 88.982, 137.756)

Have a look what the booklet for
CIELCh(65, 88.982, 137.756)
contains.

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Color

CIELCh(65, 88.848, 137.807)

Conversions

Conversions Part 1

Format	Color
Hex	07B71F
RGB	7, 183, 31
RGB Percent	3%, 72%, 12%
CMY	0.9711, 0.2820, 0.8780
CMYK	0.96, 0.00, 0.83, 0.28
HSL	128°, 92%, 37%
HSV	128°, 96%, 72%
XYZ	17.2911, 34.0472, 6.9639
YIQ	113.0480, -56.1040, -84.5840

Conversions

Conversions Part 2

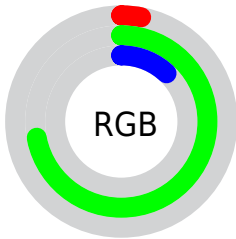
Format	Color
RYB	7, 162, 183
Decimal	505631
CIELab	65.00, -65.83, 59.67
CIELCh	65, 88.848, 137.807
Yxy	34.0472, 0.2966, 0.5840
Android (android.graphics.Color)	4278695711 (0xFF07B71F)
YUV	113.0480, -40.4497, -93.0041
Hunter-Lab	58.3500, -49.2169, 33.7689

Details

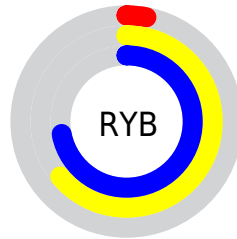
The CIELCh color **65, 88.848, 137.807** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **42, 80.593, 334.189**, and the grayscale version is **48, 0.006, 296.813**.

A 20% lighter version of the original color is **85, 88.641, 137.769**, and **46, 71.852, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **65, 90.329, 137.393**, and if you desaturate by 10%, it is **65, 84.069, 139.135**.

Distribution



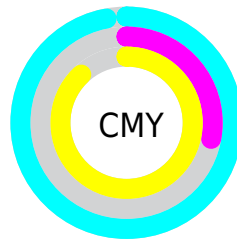
- Red (3%)
- Green (72%)
- Blue (12%)



- Red (3%)
- Yellow (64%)
- Blue (72%)



- Cyan (96%)
- Magenta (0%)
- Yellow (83%)
- Black (28%)




- Cyan (97%)
- Magenta (28%)
- Yellow (88%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 88.848, 137.807 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 65, 88.848, 137.807 by changing the saturation by 10% instead.

 65, 88.848,
137.807


 65, 88.848,
137.807


 100, 88.848,
137.807

 55, 88.848,
137.807


 85, 88.848,
137.807

 45, 88.848,
137.807

 95, 88.848,
137.807

 35, 88.848,
137.807

 25, 88.848,
137.807

 15, 88.848,
137.807

 5, 88.848, 137.807

 0, 88.848, 137.807

■ 65, 88.848,
137.807

■ 65, 88.848,
137.807

■ 65, 90.329,
137.393

■ 65, 84.069,
139.135

■ 66, 77.585,
140.576

■ 66, 69.636,
142.006

■ 67, 60.509,
143.346

■ 68, 50.495,
144.555

■ 69, 39.869,
145.619

■ 70, 28.878,
146.542

■ 72, 17.729,

147.340

■ 73, 6.587, 148.045

Harmonies

Complementary

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



65, 88.848, 137.807



42, 80.593, 334.189

Rectangle

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



65, 88.848, 137.807



65, 88.848, 187.807



65, 88.848, 317.807



65, 88.848, 7.807

Sweetspot

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



65, 88.848, 137.808



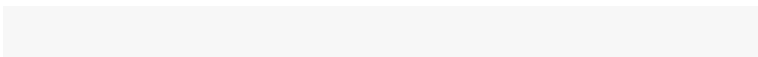
88, 39.771, 146.233



70, 75.599, 110.763



47, 27.470, 145.837



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



65, 88.848, 137.808



82, 110.207, 137.186



66, 58.468, 157.833



38, 6.281, 147.813



56, 79.761, 137.562



8, 17.650, 147.237

Inverse Universe

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



42, 80.593, 334.189



54, 98.250, 334.571



39, 65.517, 12.860



36, 6.296, 328.881



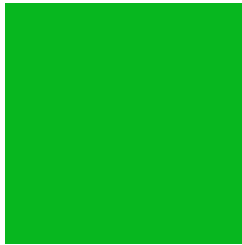
36, 71.971, 334.363



3, 16.398, 330.618

Previews

White Background



This preview shows how the CIELCh color 65, 88.848, 137.807 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 65, 88.848, 137.807 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

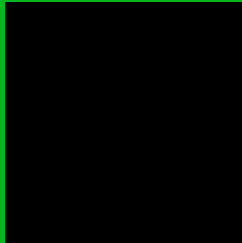
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 88.848, 137.807

Background



This preview shows how black text looks on a background with the CIELCh color 65, 88.848, 137.807.



This preview shows how white text looks on a background with the CIELCh color 65, 88.848, 137.807.

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

65, 88.848, 137.807

Protanopia

64, 64.136, 95.401

Deuteranopia

65, 57.182, 81.881



Tritanopia
65, 28.188, 213.506

Trichromacy



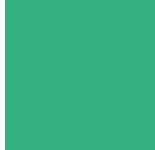
Original Color
65, 88.848, 137.807



Protanomaly
63, 69.920, 121.536



Deuteranomaly
62, 61.668, 117.781



Tritanomaly
64, 47.236, 162.107

Monochromacy



Original Color
65, 88.848, 137.807



Achromatopsia
48, 0.006, 296.813



Achromatomaly
52, 40.105, 144.465

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 88.848, 137.807 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(7, 183, 31)` looks like.

```
.text, #text, p{  
    color:rgb(7, 183, 31)  
}
```

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(7, 183, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(7, 183, 31) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 88.848, 137.807 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(7, 183, 31) }
```

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

```
.border{ border-color:rgb(7, 183, 31) }
```

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

Here you see how a box with a 4 pixel `rgb(7, 183, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(7, 183, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(7, 183, 31);  
box-shadow:4px 4px 4px 4px rgb(7, 183, 31)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 65, 88.848, 137.807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(7, 183, 31) }
```

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

```
.background{ background-color: rgb(7, 183,  
31) }
```

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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