

Converting Colors

CIELCh(67, 83.240, 125.459)

Have a look what the booklet for
CIELCh(67, 83.240, 125.459)
contains.

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Color

CIELCh(67, 83.133, 125.591)

Conversions

Conversions Part 1

Format	Color
Hex	68B700
RGB	104, 183, 0
RGB Percent	41%, 72%, 0%
CMY	0.5937, 0.2838, 1.0000
CMYK	0.43, 0.00, 1.00, 0.28
HSL	86°, 100%, 36%
HSV	86°, 100%, 72%
XYZ	22.5158, 36.6320, 5.8576
YIQ	138.5170, 11.6590, -73.6610

Conversions

Conversions Part 2

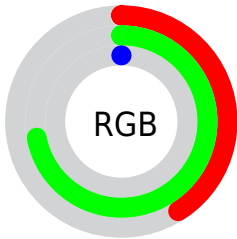
Format	Color
RYB	0, 183, 79
Decimal	6862592
CIELab	67.00, -48.38, 67.60
CIELCh	67, 83.133, 125.591
Yxy	36.6320, 0.3464, 0.5635
Android (android.graphics.Color)	4285052672 (0xFF68B700)
YUV	138.5170, -68.2889, -30.2714
Hunter-Lab	60.5244, -39.5135, 36.6289

Details

The CIELCh color **67, 83.133, 125.591** is a dark color, and the websafe version is hex **66CC33**. A complement of this color would be **27, 98.508, 310.485**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **87, 83.223, 125.654**, and **47, 68.850, 132.245** is the 20% darker color. If you saturate the color by 10%, you get **67, 83.035, 125.627**, and if you desaturate by 10%, it is **67, 79.700, 124.633**.

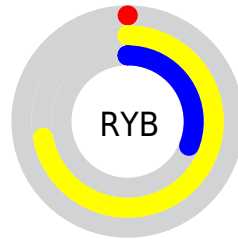
Distribution



Red (41%)

Green (72%)

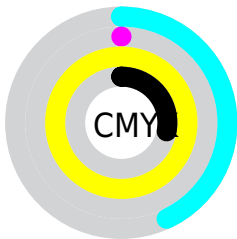
Blue (0%)



Red (0%)

Yellow (72%)

Blue (31%)

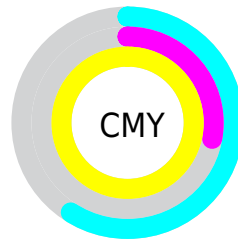


Cyan (43%)

Magenta (0%)

Yellow (100%)

Black (28%)



Cyan (59%)


Magenta (28%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 83.133, 125.591 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, 83.133, 125.591 by changing the saturation by 10% instead.


 67, 83.133,
125.591


 67, 83.133,
125.591


 100, 83.133,
125.591


 57, 83.133,
125.591


 87, 83.133,
125.591

 47, 83.133,
125.591


 97, 83.133,
125.591

 37, 83.133,
125.591

 27, 83.133,
125.591

 17, 83.133,
125.591

 7, 83.133, 125.591

 0, 83.133, 125.591

■ 67, 83.133,
125.591

■ 67, 83.133,
125.591

■ 67, 83.035,
125.627

■ 67, 79.700,
124.633

■ 68, 74.699,
124.028

■ 68, 67.913,
123.850

■ 69, 59.763,
123.981

■ 70, 50.674,
124.308

■ 70, 40.983,
124.744

■ 71, 30.929,
125.230

■ 72, 20.676,

125.731

■ 73, 10.337,
126.225

Harmonies

Complementary

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



67, 83.133, 125.591



27, 98.508, 310.485

Rectangle

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



67, 83.133, 125.591



67, 83.133, 175.591



67, 83.133, 305.591



67, 83.133, 355.591

Sweetspot

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



67, 83.035, 125.627



90, 38.235, 125.206



46, 69.021, 54.298



48, 26.239, 124.998



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



67, 83.035, 125.627



85, 101.230, 125.901



65, 92.750, 135.648



38, 5.881, 126.257



58, 73.623, 125.422



9, 16.601, 130.997

Inverse Universe

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



27, 98.508, 310.485



36, 120.043, 310.303



41, 90.411, 324.991



36, 5.971, 307.120



22, 87.369, 310.622



1, 15.801, 302.737

Previews

White Background



This preview shows how the CIELCh color 67, 83.133, 125.591 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, 83.133, 125.591 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

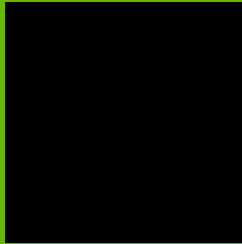
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 83.133, 125.591

Background



This preview shows how black text looks on a background with the CIELCh color 67, 83.133, 125.591.



This preview shows how white text looks on a background with the CIELCh color 67, 83.133, 125.591.

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, 83.133, 125.591

Protanopia

67, 69.988, 95.297

Deuteranopia

67, 63.690, 82.389



Tritanopia
67, 16.535, 224.229

Trichromacy



Original Color
67, 83.133, 125.591

Protanomaly
66, 71.972, 108.575

Deuteranomaly
66, 65.897, 102.038

Tritanomaly
66, 39.382, 141.662

Monochromacy



Original Color
67, 83.133, 125.591

Achromatopsia
57, 0.007, 296.813

Achromatomaly
60, 38.195, 124.889

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 83.133, 125.591 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(104, 183, 0)` looks like.

```
.text, #text, p{  
    color:rgb(104, 183, 0)  
}
```

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(104, 183, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 183, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 83.133, 125.591 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(104, 183, 0) }
```

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

```
.border{ border-color:rgb(104, 183, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 183, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 183, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 183, 0);  
box-shadow:4px 4px 4px 4px rgb(104, 183,  
0) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 83.133, 125.591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 183, 0) }
```

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

```
.background{ background-color: rgb(104,  
183, 0) }
```

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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