

Converting Colors

CIELCh(67, 78.461, 130.808)

Have a look what the booklet for
CIELCh(67, 78.461, 130.808)
contains.

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Color

CIELCh(67, 78.416, 130.812)

Conversions

Conversions Part 1

Format	Color
Hex	5CB829
RGB	92, 184, 41
RGB Percent	36%, 72%, 16%
CMY	0.6400, 0.2791, 0.8400
CMYK	0.50, 0.00, 0.78, 0.28
HSL	99°, 64%, 44%
HSV	99°, 78%, 72%
XYZ	21.8954, 36.6320, 7.9962
YIQ	140.1900, -8.9290, -63.9770

Conversions

Conversions Part 2

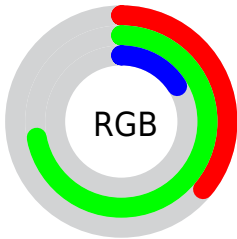
Format	Color
R_{YB}	41, 184, 133
Decimal	6076457
CIE _{Lab}	67.00, -51.25, 59.35
CIE _{LCh}	67, 78.416, 130.812
Yxy	36.6320, 0.3291, 0.5507
Android (android.graphics.Color)	4284266537 (0xFF5CB829)
YUV	140.1900, -48.9007, -42.2626
Hunter-Lab	60.5244, -41.3433, 34.5340

Details

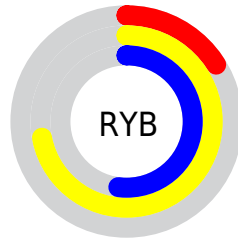
The CIELCh color **67, 78.416, 130.812** is a dark color, and the websafe version is hex **66CC33**. A complement of this color would be **38, 83.511, 316.544**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **87, 78.373, 130.884**, and **47, 71.246, 134.554** is the 20% darker color. If you saturate the color by 10%, you get **66, 84.318, 131.124**, and if you desaturate by 10%, it is **68, 70.724, 130.877**.

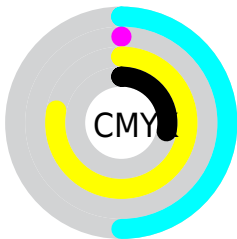
Distribution



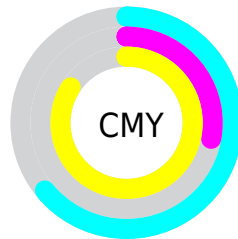
- Red (36%)
- Green (72%)
- Blue (16%)



- Red (16%)
- Yellow (72%)
- Blue (52%)



- Cyan (50%)
- Magenta (0%)
- Yellow (78%)
- Black (28%)




- Cyan (64%)
- Magenta (28%)
- Yellow (84%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 78.416, 130.812 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, 78.416, 130.812 by changing the saturation by 10% instead.

 67, 78.416,
130.812


 67, 78.416,
130.812


 100, 78.416,
130.812


 57, 78.416,
130.812


 87, 78.416,
130.812

 47, 78.416,
130.812

 97, 78.416,
130.812

 37, 78.416,
130.812

 27, 78.416,
130.812

 17, 78.416,
130.812

 7, 78.416, 130.812

 0, 78.416, 130.812

■ 67, 78.416,
130.812

■ 67, 78.416,
130.812

■ 66, 84.318,
131.124

■ 68, 70.724,
130.877

■ 66, 88.248,
131.846

■ 68, 61.701,
131.189

■ 66, 88.999,
131.997

■ 69, 51.776,
131.637

■ 70, 41.286,
132.142

■ 71, 30.474,
132.655

■ 72, 19.512,
133.147

■ 74, 8.525, 133.609

■ 75, 2.401, 313.936

■ 77, 13.202,
314.353

Harmonies

Complementary

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



67, 78.416, 130.812



38, 83.511, 316.544

Rectangle

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



67, 78.416, 130.812



67, 78.416, 180.812



67, 78.416, 310.812



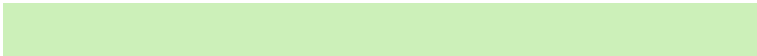
67, 78.416, 0.812

Sweetspot

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



67, 78.416, 130.813



91, 31.289, 132.876



59, 55.083, 77.395



48, 21.638, 132.696



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, 78.416, 130.813



84, 106.317, 131.591



66, 79.227, 140.262



38, 6.188, 133.539



57, 78.500, 131.812



8, 17.446, 136.962

Inverse Universe

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



38, 83.511, 316.544



44, 113.210, 315.962



45, 75.718, 332.974



36, 6.247, 314.283



27, 83.612, 315.776



2, 16.423, 310.046

Previews

White Background



This preview shows how the CIELCh color 67, 78.416, 130.812 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, 78.416, 130.812 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, 78.416, 130.812

Background



This preview shows how black text looks on a background with the CIELCh color 67, 78.416, 130.812.



This preview shows how white text looks on a background with the CIELCh color 67, 78.416, 130.812.

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, 78.416, 130.812

Protanopia
66, 63.033, 95.180

Deuteranopia
67, 57.515, 81.344



Tritanopia
67, 19.348, 221.842

Trichromacy



Original Color
67, 78.416, 130.812



Protanomaly
66, 65.335, 111.717



Deuteranomaly
66, 58.646, 104.865



Tritanomaly
66, 34.951, 154.046

Monochromacy



Original Color
67, 78.416, 130.812



Achromatopsia
58, 0.007, 296.813



Achromatomaly
61, 32.016, 132.727

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 78.416, 130.812 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(92, 184, 41)` looks like.

```
.text, #text, p{  
    color:rgb(92, 184, 41)  
}
```

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(92, 184, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 184, 41) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 78.416, 130.812 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(92, 184, 41) }
```

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

```
.border{ border-color:rgb(92, 184, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 184, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 184, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 184, 41);  
box-shadow:4px 4px 4px 4px rgb(92, 184,  
41) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 78.416, 130.812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 184, 41) }
```

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

```
.background{ background-color: rgb(92, 184,  
41) }
```

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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