

Converting Colors

CIELCh(66, 67.489, 140.657)

Have a look what the booklet for
CIELCh(66, 67.489, 140.657)
contains.

CIELCh(66, 67.517, 140.812)	3
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Color

CIELCh(66, 67.517, 140.812)

Conversions

Conversions Part 1

Format	Color
Hex	48B64F
RGB	72, 182, 79
RGB Percent	28%, 71%, 31%
CMY	0.7183, 0.2869, 0.6908
CMYK	0.61, 0.00, 0.57, 0.29
HSL	124°, 43%, 50%
HSV	124°, 61%, 71%
XYZ	20.7604, 35.3238, 13.0934
YIQ	137.3680, -32.4970, -55.3530

Conversions

Conversions Part 2

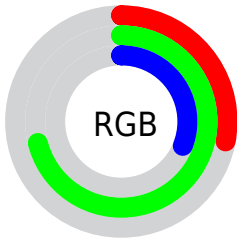
Format	Color
RYB	72, 175, 182
Decimal	4765263
CIELab	66.00, -52.33, 42.66
CIELCh	66, 67.517, 140.812
Yxy	35.3238, 0.3001, 0.5106
Android (android.graphics.Color)	4282955343 (0xFF48B64F)
YUV	137.3680, -28.7754, -57.3277
Hunter-Lab	59.4338, -41.6586, 28.5420

Details

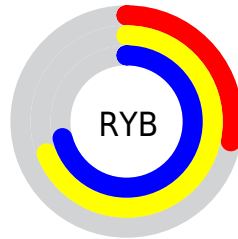
The CIELCh color **66, 67.517, 140.812** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **49, 66.575, 329.471**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **86, 67.546, 140.838**, and **46, 66.027, 139.547** is the 20% darker color. If you saturate the color by 10%, you get **65, 76.274, 139.553**, and if you desaturate by 10%, it is **67, 57.563, 142.010**.

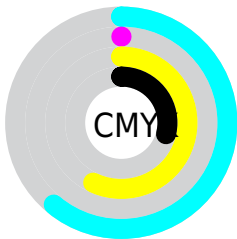
Distribution



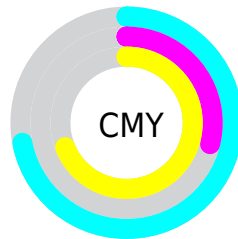
- Red (28%)
- Green (71%)
- Blue (31%)



- Red (28%)
- Yellow (69%)
- Blue (71%)



- Cyan (61%)
- Magenta (0%)
- Yellow (57%)
- Black (29%)





- Cyan (72%)
- Magenta (29%)
- Yellow (69%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 67.517, 140.812 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 66, 67.517, 140.812 by changing the saturation by 10% instead.


 66, 67.517,
140.812


 66, 67.517,
140.812


 100, 67.517,
140.812


 56, 67.517,
140.812


 86, 67.517,
140.812


 46, 67.517,
140.812


 96, 67.517,
140.812

 36, 67.517,
140.812

 26, 67.517,
140.812

 16, 67.517,
140.812

 6, 67.517, 140.812

 0, 67.517, 140.812

■ 66, 67.517,
140.812

■ 66, 67.517,
140.812

■ 65, 76.274,
139.553

■ 67, 57.563,
142.010

■ 65, 83.449,
138.320

■ 68, 46.766,
143.095

■ 65, 88.681,
137.241

■ 69, 35.435,
144.051

■ 64, 91.735,
136.545

■ 71, 23.830,
144.880

■ 72, 12.157,
145.597

■ 74, 0.571, 146.624

■ 76, 10.813,
326.668

■ 78, 21.922,
327.118

■ 80, 32.706,
327.497

Harmonies

Complementary

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



66, 67.517, 140.812



49, 66.575, 329.471

Rectangle

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



66, 67.517, 140.812



66, 67.517, 190.812



66, 67.517, 320.812



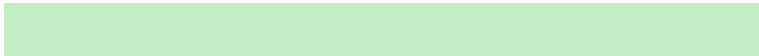
66, 67.517, 10.812

Sweetspot

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



66, 67.518, 140.812



90, 25.945, 145.046



72, 56.293, 107.078



48, 18.187, 144.825



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



66, 67.518, 140.812



83, 96.586, 139.083



67, 46.009, 159.571



38, 6.603, 145.675



56, 81.535, 136.650



8, 18.298, 145.719

Inverse Universe

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



49, 66.575, 329.471



59, 93.647, 330.065



47, 49.742, 354.016



36, 6.615, 326.705



36, 76.031, 330.914



3, 17.638, 327.288

Previews

White Background



This preview shows how the CIELCh color 66, 67.517, 140.812 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 66, 67.517, 140.812 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 66, 67.517, 140.812

Background



This preview shows how black text looks on a background with the CIELCh color 66, 67.517, 140.812.



This preview shows how white text looks on a background with the CIELCh color 66, 67.517, 140.812.

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
66, 67.517, 140.812

Protanopia
65, 47.076, 95.257

Deuteranopia
66, 40.885, 78.125



Tritanopia
66, 23.784, 216.901

Trichromacy



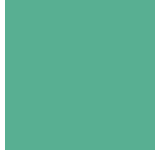
Original Color
66, 67.517, 140.812



Protanomaly
65, 50.479, 118.832



Deuteranomaly
64, 42.676, 113.230



Tritanomaly
66, 34.032, 168.361

Monochromacy



Original Color
66, 67.517, 140.812



Achromatopsia
57, 0.007, 296.813



Achromatomaly
59, 26.201, 144.770

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 67.517, 140.812 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(72, 182, 79)` looks like.

```
.text, #text, p{  
    color:rgb(72, 182, 79)  
}
```

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(72, 182, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 182, 79) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 67.517, 140.812 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(72, 182, 79) }
```

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

```
.border{ border-color:rgb(72, 182, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 182, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 182, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 182, 79);  
box-shadow:4px 4px 4px 4px rgb(72, 182,  
79) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 67.517, 140.812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 182, 79) }
```

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

```
.background{ background-color: rgb(72, 182,  
79) }
```

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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