

Converting Colors

CIELCh(48, 57.492, 146.112)

Have a look what the booklet for
CIELCh(48, 57.492, 146.112)
contains.

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Color

CIELCh(48, 57.636, 146.037)

Conversions

Conversions Part 1

Format	Color
Hex	068438
RGB	6, 132, 56
RGB Percent	2%, 52%, 22%
CMY	0.9777, 0.4828, 0.7808
CMYK	0.96, 0.00, 0.58, 0.48
HSL	144°, 92%, 27%
HSV	144°, 96%, 52%
XYZ	9.0192, 16.7945, 6.4952
YIQ	85.6620, -50.7000, -50.3480

Conversions

Conversions Part 2

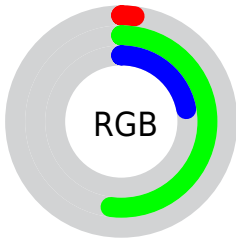
Format	Color
RYB	6, 96, 132
Decimal	427064
CIELab	48.00, -47.80, 32.20
CIELCh	48, 57.636, 146.037
Yxy	16.7945, 0.2792, 0.5198
Android (android.graphics.Color)	4278617144 (0xFF068438)
YUV	85.6620, -14.6234, -69.8636
Hunter-Lab	40.9810, -32.4320, 19.2897

Details

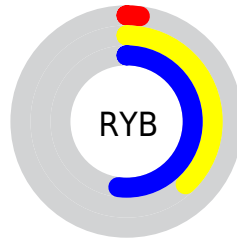
The CIELCh color **48, 57.636, 146.037** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **28, 53.310, 350.736**, and the grayscale version is **36, 0.005, 296.813**.

A 20% lighter version of the original color is **68, 57.548, 146.034**, and **29, 49.939, 137.766** is the 20% darker color. If you saturate the color by 10%, you get **48, 59.296, 145.240**, and if you desaturate by 10%, it is **48, 53.578, 148.025**.

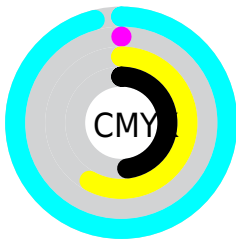
Distribution



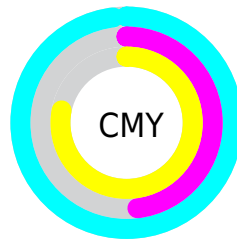
- Red (2%)
- Green (52%)
- Blue (22%)



- Red (2%)
- Yellow (38%)
- Blue (52%)



- Cyan (96%)
- Magenta (0%)
- Yellow (58%)
- Black (48%)




- Cyan (98%)
- Magenta (48%)
- Yellow (78%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 48, 57.636, 146.037 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 48, 57.636, 146.037 by changing the saturation by 10% instead.


 48, 57.636,
146.037


 48, 57.636,
146.037


 100, 57.636,
146.037


 38, 57.636,
146.037

 68, 57.636,
146.037


 28, 57.636,
146.037

 78, 57.636,
146.037

 18, 57.636,
146.037

 88, 57.636,
146.037

 8, 57.636, 146.037

 98, 57.636,
146.037

 0, 57.636, 146.037

 48, 57.636,

 48, 57.636,

146.037

146.037

■ 48, 59.296,
145.240

■ 48, 53.578,
148.025

■ 49, 48.899,
149.877

■ 49, 43.599,
151.541

■ 50, 37.749,
153.017

■ 50, 31.447,
154.316

■ 51, 24.808,
155.458

■ 52, 17.946,
156.465

■ 53, 10.967,
157.360

Harmonies

Complementary

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



48, 57.636, 146.037



28, 53.310, 350.736

Rectangle

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



48, 57.636, 146.037



48, 57.636, 196.037



48, 57.636, 326.037



48, 57.636, 16.037

Sweetspot

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



48, 57.636, 146.037



66, 24.998, 156.081



50, 62.796, 122.913



34, 17.253, 155.707



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



48, 57.636, 146.037



61, 72.495, 144.707



49, 33.754, 181.078



27, 3.954, 157.904



47, 58.653, 145.273



1, 0.946, 158.538

Inverse Universe

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



28, 53.310, 350.736



37, 64.863, 352.518



27, 57.109, 31.875



26, 3.985, 339.153



28, 53.360, 351.735



0, 0.946, 338.530

Previews

White Background



This preview shows how the CIELCh color 48, 57.636, 146.037 looks on a white 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 × Fail

Black Background



This preview shows how the CIELCh color 48, 57.636, 146.037 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 48, 57.636, 146.037

Background



This preview shows how black text looks on a background with the CIELCh color 48, 57.636, 146.037.



This preview shows how white text looks on a background with the CIELCh color 48, 57.636, 146.037.

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
48, 57.636, 146.037

Protanopia
48, 36.691, 96.206

Deuteranopia
48, 30.916, 77.933



Tritanopia
48, 22.672, 212.481

Trichromacy



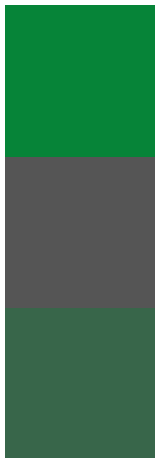
Original Color
48, 57.636, 146.037

Protanomaly
47, 42.476, 128.832

Deuteranomaly
46, 34.650, 125.314

Tritanomaly
48, 32.082, 173.281

Monochromacy



Original Color
48, 57.636, 146.037

Achromatopsia
36, 0.005, 296.813

Achromatomaly
39, 25.323, 154.247

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 48, 57.636, 146.037 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(6, 132, 56)` looks like.

```
.text, #text, p{  
    color:rgb(6, 132, 56)  
}
```

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(6, 132, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 132, 56) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 57.636, 146.037 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(6, 132, 56) }
```

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

```
.border{ border-color:rgb(6, 132, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(6, 132, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 132, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(6, 132, 56);  
box-shadow:4px 4px 4px 4px rgb(6, 132, 56)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 48, 57.636, 146.037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 132, 56) }
```

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

```
.background{ background-color: rgb(6, 132,  
56) }
```

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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