

Converting Colors

CIELCh(47, 64.018, 107.092)

Have a look what the booklet for
CIELCh(47, 64.018, 107.092)
contains.

CIELCh(47, 55.211, 108.829)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(47, 55.211, 108.829)

Conversions

Conversions Part 1

Format	Color
Hex	6A7600
RGB	106, 118, 0
RGB Percent	42%, 46%, 0%
CMY	0.5843, 0.5373, 1.0000
CMYK	0.10, 0.00, 1.00, 0.54
HSL	66°, 100%, 23%
HSV	66°, 100%, 46%
XYZ	12.4210, 16.0195, 2.4371
YIQ	100.9600, 30.7260, -39.2420

Conversions

Conversions Part 2

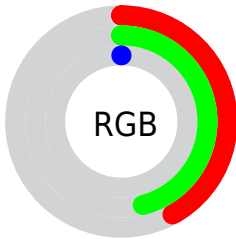
Format	Color
RYB	0, 118, 12
Decimal	6977024
CIELab	47.00, -17.82, 52.26
CIElCh	47, 55.211, 108.829
Yxy	16.0195, 0.4023, 0.5188
Android (android.graphics.Color)	4285167104 (0xFF6A7600)
YUV	100.9600, -49.7733, 4.4201
Hunter-Lab	40.0243, -14.6474, 24.4068

Details

The CIELCh color **47, 55.211, 108.829** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **12, 75.093, 306.803**, and the grayscale version is **43, 0.006, 296.813**.

A 20% lighter version of the original color is **67, 55.213, 108.604**, and **27, 39.002, 114.353** is the 20% darker color. If you saturate the color by 10%, you get **47, 55.210, 108.831**, and if you desaturate by 10%, it is **47, 52.711, 108.782**.

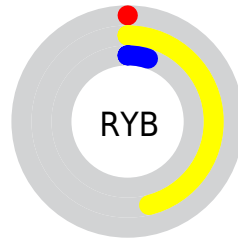
Distribution



Red (42%)

Green (46%)

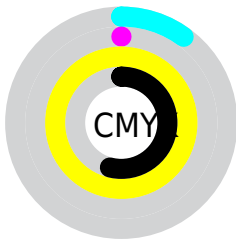
Blue (0%)



Red (0%)

Yellow (46%)

Blue (5%)

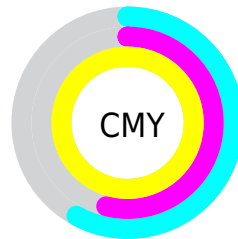


Cyan (10%)

Magenta (0%)

Yellow (100%)

Black (54%)



Cyan (58%)


Magenta (54%)

Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 47, 55.211, 108.829 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 47, 55.211, 108.829 by changing the saturation by 10% instead.


 47, 55.211,
108.829


 47, 55.211,
108.829


 100, 55.211,
108.829


 37, 55.211,
108.829


 67, 55.211,
108.829


 27, 55.211,
108.829

 77, 55.211,
108.829

 17, 55.211,
108.829

 87, 55.211,
108.829

 7, 55.211, 108.829

 97, 55.211,
108.829

 0, 55.211, 108.829

 47, 55.211,

 47, 55.211,

108.829

108.829

■ 47, 55.210,
108.831

■ 47, 52.711,
108.782

■ 47, 49.421,
108.881

■ 47, 44.946,
109.219

■ 48, 39.579,
109.735

■ 48, 33.597,
110.374

■ 48, 27.213,
111.091

■ 48, 20.575,
111.850

■ 49, 13.785,
112.629

Harmonies

Complementary

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



47, 55.211, 108.829



12, 75.093, 306.803

Rectangle

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



47, 55.211, 108.829



47, 55.211, 158.829



47, 55.211, 288.829



47, 55.211, 338.829

Sweetspot

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



47, 55.210, 108.831



62, 25.440, 111.793



24, 55.857, 39.881



32, 17.213, 111.540



82, 0.010, 296.813



33, 0.005, 296.813

Same Dimension

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



47, 55.210, 108.831



60, 66.660, 108.976



44, 63.217, 130.362



24, 3.870, 113.481



49, 56.681, 108.853



94, 96.167, 109.178

Inverse Universe

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



12, 75.093, 306.803



17, 90.803, 306.686



19, 68.894, 314.835



22, 3.949, 294.909



13, 77.112, 306.784



32, 131.214, 306.553

Previews

White Background



This preview shows how the CIELCh color 47, 55.211, 108.829 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 47, 55.211, 108.829 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

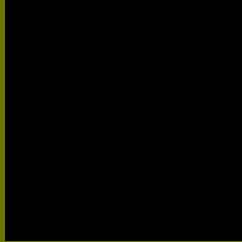
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 47, 55.211, 108.829

Background



This preview shows how black text looks on a background with the CIELCh color 47, 55.211, 108.829.



This preview shows how white text looks on a background with the CIELCh color 47, 55.211, 108.829.

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

47, 55.211, 108.829

Protanopia

47, 53.311, 95.422

Deuteranopia

47, 49.288, 82.973



Tritanopia
47, 5.169, 313.557

Trichromacy



Original Color
47, 55.211, 108.829

Protanomaly
47, 53.553, 100.236

Deuteranomaly
47, 50.108, 93.042

Tritanomaly
47, 22.133, 108.267

Monochromacy



Original Color
47, 55.211, 108.829

Achromatopsia
43, 0.006, 296.813

Achromatomaly
44, 25.218, 110.722

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 55.211, 108.829 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(106, 118, 0)` looks like.

```
.text, #text, p{  
    color:rgb(106, 118, 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(106, 118, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 118, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 55.211, 108.829 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(106, 118, 0) }
```

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

```
.border{ border-color:rgb(106, 118, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 118, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 118, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 118, 0);  
box-shadow:4px 4px 4px 4px rgb(106, 118,  
0) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 55.211, 108.829 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 118, 0) }
```

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

```
.background{ background-color: rgb(106,  
118, 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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