

Converting Colors

CIELCh(48, 57.922, 114.502)

Have a look what the booklet for
CIELCh(48, 57.922, 114.502)
contains.

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Color

CIELCh(48, 57.922, 114.502)

Conversions

Conversions Part 1

Format	Color
Hex	627B00
RGB	98, 123, 0
RGB Percent	38%, 48%, 0%
CMY	0.6153, 0.5172, 0.9993
CMYK	0.20, 0.00, 1.00, 0.52
HSL	72°, 100%, 24%
HSV	72°, 100%, 48%
XYZ	12.1452, 16.7945, 2.6063
YIQ	101.5030, 24.5830, -43.5530

Conversions

Conversions Part 2

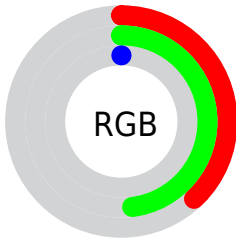
Format	Color
RYB	0, 123, 25
Decimal	6454016
CIELab	48.00, -24.02, 52.71
CIELCh	48, 57.922, 114.502
Yxy	16.7945, 0.3850, 0.5324
Android (android.graphics.Color)	4284644096 (0xFF627B00)
YUV	101.5030, -50.0410, -3.0721
Hunter-Lab	40.9810, -18.8163, 24.9161

Details

The CIELCh color **48, 57.922, 114.502** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **14, 76.484, 307.523**, and the grayscale version is **43, 0.006, 296.813**.

A 20% lighter version of the original color is **68, 58.152, 114.719**, and **28, 42.170, 121.329** is the 20% darker color. If you saturate the color by 10%, you get **48, 57.960, 114.508**, and if you desaturate by 10%, it is **48, 55.275, 114.129**.

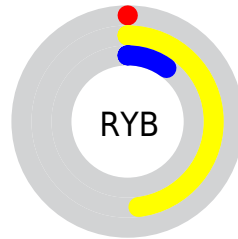
Distribution



Red (38%)

Green (48%)

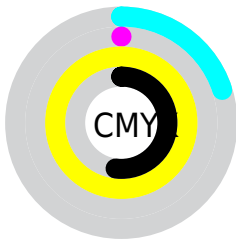
Blue (0%)



Red (0%)

Yellow (48%)

Blue (10%)

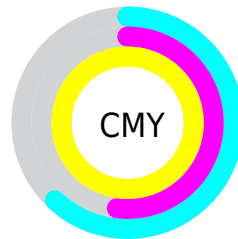


Cyan (20%)

Magenta (0%)

Yellow (100%)

Black (52%)



Cyan (62%)


Magenta (52%)

Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 48, 57.922, 114.502 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, 57.922, 114.502 by changing the saturation by 10% instead.

 48, 57.922,
114.502


 48, 57.922,
114.502


 100, 57.922,
114.502


 38, 57.922,
114.502

 68, 57.922,
114.502


 28, 57.922,
114.502

 78, 57.922,
114.502

 18, 57.922,
114.502

 88, 57.922,
114.502

 8, 57.922, 114.502

 98, 57.922,
114.502

 0, 57.922, 114.502

 48, 57.922,

 48, 57.922,

114.502

114.502

■ 48, 57.960,
114.508

■ 48, 55.275,
114.129

■ 48, 51.747,
113.957

■ 49, 47.003,
114.090

■ 49, 41.345,
114.445

■ 49, 35.059,
114.947

■ 50, 28.363,
115.538

■ 50, 21.410,
116.177

■ 51, 14.305,
116.834

Harmonies

Complementary

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



48, 57.922, 114.502



14, 76.484, 307.523

Rectangle

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



48, 57.922, 114.502



48, 57.922, 164.502



48, 57.922, 294.502



48, 57.922, 344.502

Sweetspot

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



48, 57.922, 114.504



64, 26.730, 116.120



26, 56.066, 43.282



33, 18.336, 115.895



84, 0.010, 296.813



35, 0.005, 296.813

Same Dimension

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



48, 57.922, 114.504



62, 70.420, 114.772



45, 66.880, 132.692



26, 4.046, 117.543



49, 58.587, 114.525



93, 98.871, 115.103

Inverse Universe

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



14, 76.484, 307.523



20, 93.159, 307.360



22, 69.664, 317.693



23, 4.124, 298.732



14, 77.402, 307.525



33, 130.993, 307.160

Previews

White Background



This preview shows how the CIELCh color 48, 57.922, 114.502 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, 57.922, 114.502 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

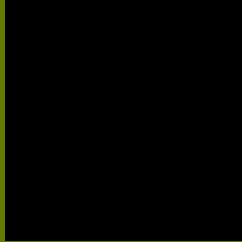
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 48, 57.922, 114.502

Background



This preview shows how black text looks on a background with the CIELCh color 48, 57.922, 114.502.



This preview shows how white text looks on a background with the CIELCh color 48, 57.922, 114.502.

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, 57.922, 114.502

Protanopia
48, 53.971, 95.537

Deuteranopia
48, 49.378, 83.160



Tritanopia
48, 5.750, 267.039

Trichromacy



Original Color
48, 57.922, 114.502

Protanomaly
48, 54.503, 102.852

Deuteranomaly
47, 50.601, 95.463

Tritanomaly
47, 23.355, 121.296

Monochromacy



Original Color
48, 57.922, 114.502

Achromatopsia
43, 0.006, 296.813

Achromatomaly
45, 26.513, 115.359

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 48, 57.922, 114.502 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(98, 123, 0)` looks like.

```
.text, #text, p{  
    color:rgb(98, 123, 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(98, 123, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 123, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 57.922, 114.502 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(98, 123, 0) }
```

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

```
.border{ border-color:rgb(98, 123, 0) }
```

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

Here you see how a box with a 4 pixel rgb(98, 123, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 123, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 123, 0);  
box-shadow:4px 4px 4px 4px rgb(98, 123, 0)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 48, 57.922, 114.502 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 123, 0) }
```

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

```
.background{ background-color: rgb(98, 123,  
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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