

Converting Colors

CIELCh(48, 47.491, 122.000)

Have a look what the booklet for
CIELCh(48, 47.491, 122.000)
contains.

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Color

CIELCh(48, 47.462, 122.052)

Conversions

Conversions Part 1

Format	Color
Hex	5C7C29
RGB	92, 124, 41
RGB Percent	36%, 49%, 16%
CMY	0.6399, 0.5144, 0.8399
CMYK	0.26, 0.00, 0.67, 0.51
HSL	83°, 50%, 32%
HSV	83°, 67%, 49%
XYZ	11.9773, 16.7945, 4.6919
YIQ	104.9700, 7.5710, -32.5970

Conversions

Conversions Part 2

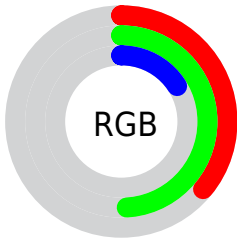
Format	Color
R_{YB}	41, 124, 73
Decimal	6061097
CIE _{Lab}	48.00, -25.19, 40.23
CIE _{LCh}	48, 47.462, 122.052
Yxy	16.7945, 0.3579, 0.5019
Android (android.graphics.Color)	4284251177 (0xFF5C7C29)
YUV	104.9700, -31.5372, -11.3747
Hunter-Lab	40.9810, -19.5476, 21.8986

Details

The CIELCh color $48, 47.462, 122.052$ is a dark color, and the websafe version is hex 336600 . A complement of this color would be $25, 54.027, 309.108$, and the grayscale version is $44, 0.006, 296.813$.

A 20% lighter version of the original color is $68, 47.409, 122.021$, and $28, 43.529, 124.322$ is the 20% darker color. If you saturate the color by 10%, you get $48, 52.870, 122.039$, and if you desaturate by 10%, it is $48, 41.252, 122.298$.

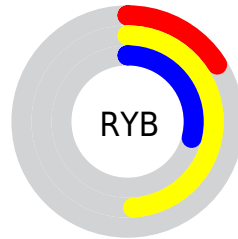
Distribution



 Red (36%)

 Green (49%)

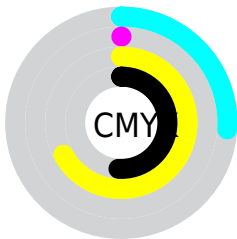
 Blue (16%)



 Red (16%)

 Yellow (49%)

 Blue (29%)

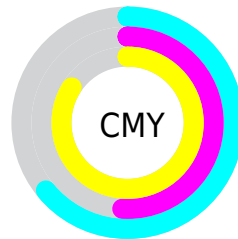


 Cyan (26%)


 Magenta (0%)

 Yellow (67%)

 Black (51%)



 Cyan (64%)


 Magenta (51%)


 Yellow (84%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 48, 47.462, 122.052 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, 47.462, 122.052 by changing the saturation by 10% instead.


 48, 47.462,
122.052


 48, 47.462,
122.052


 100, 47.462,
122.052


 38, 47.462,
122.052

 68, 47.462,
122.052


 28, 47.462,
122.052

 78, 47.462,
122.052

 18, 47.462,
122.052

 88, 47.462,
122.052

 8, 47.462, 122.052

 98, 47.462,
122.052

 0, 47.462, 122.052

 48, 47.462,

 48, 47.462,

122.052

122.052

■ 48, 52.870,
122.039

■ 48, 41.252,
122.298

■ 47, 57.173,
122.363

■ 49, 34.501,
122.685

■ 47, 60.341,
123.025

■ 49, 27.406,
123.149

■ 47, 61.266,
123.200

■ 50, 20.106,
123.648

■ 51, 12.694,
124.154

■ 51, 5.237, 124.654

■ 52, 2.220, 305.089

■ 53, 9.643, 305.551

■ 54, 17.008,

Harmonies

Complementary

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



48, 47.462, 122.052



25, 54.027, 309.108

Rectangle

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



48, 47.462, 122.052



48, 47.462, 172.052



48, 47.462, 302.052



48, 47.462, 352.052

Sweetspot

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



48, 47.463, 122.053



64, 18.440, 123.980



36, 33.642, 56.273



34, 12.673, 123.863



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, 47.463, 122.053



61, 66.624, 122.148



46, 54.542, 136.732



25, 4.158, 124.553



47, 61.674, 123.215



90, 104.507, 124.060

Inverse Universe

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



25, 54.027, 309.108



28, 78.414, 309.799



31, 54.695, 323.906



24, 4.224, 305.414



16, 75.043, 309.969



37, 127.133, 309.415

Previews

White Background



This preview shows how the CIELCh color 48, 47.462, 122.052 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, 47.462, 122.052 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

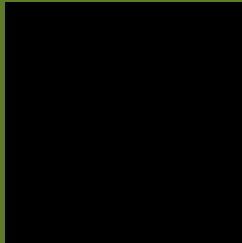
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 48, 47.462, 122.052

Background



This preview shows how black text looks on a background with the CIELCh color 48, 47.462, 122.052.



This preview shows how white text looks on a background with the CIELCh color 48, 47.462, 122.052.

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

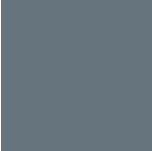
48, 47.462, 122.052

Protanopia

48, 42.448, 95.886

Deuteranopia

48, 39.233, 81.031



Tritanopia
48, 7.405, 244.969

Trichromacy



Original Color
48, 47.462, 122.052

Protanomaly
48, 43.256, 106.858

Deuteranomaly
48, 39.403, 98.484

Tritanomaly
48, 17.128, 138.961

Monochromacy



Original Color
48, 47.462, 122.052

Achromatopsia
44, 0.006, 296.813

Achromatomaly
46, 18.408, 124.222

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 48, 47.462, 122.052 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, 124, 41)` looks like.

```
.text, #text, p{  
    color:rgb(92, 124, 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, 124, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 124, 41) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 47.462, 122.052 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, 124, 41) }
```

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

```
.border{ border-color:rgb(92, 124, 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, 124, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 124, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 124, 41);  
box-shadow:4px 4px 4px 4px rgb(92, 124,  
41) }
```

Background

The CSS property to change the background color of an element to CIELCh 48, 47.462, 122.052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 124, 41) }
```

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

```
.background{ background-color: rgb(92, 124,  
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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