

Converting Colors

CIELCh(47, 53.384, 122.877)

Have a look what the booklet for
CIELCh(47, 53.384, 122.877)
contains.

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Color

CIELCh(47, 53.384, 122.877)

Conversions

Conversions Part 1

Format	Color
Hex	547B1B
RGB	84, 123, 27
RGB Percent	33%, 48%, 11%
CMY	0.6721, 0.5191, 0.8957
CMYK	0.32, 0.00, 0.78, 0.52
HSL	84°, 64%, 29%
HSV	84°, 78%, 48%
XYZ	10.8531, 16.0195, 3.5323
YIQ	100.3950, 7.5720, -38.1240

Conversions

Conversions Part 2

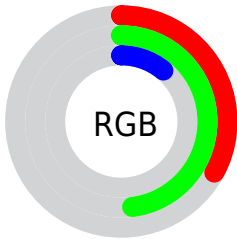
Format	Color
R_{YB}	27, 123, 66
Decimal	5536539
CIE Lab	47.00, -28.98, 44.83
CIE LCh	47, 53.384, 122.877
Yxy	16.0195, 0.3570, 0.5269
Android (android.graphics.Color)	4283726619 (0xFF547B1B)
YUV	100.3950, -36.1837, -14.3784
Hunter-Lab	40.0243, -21.6398, 22.7844

Details

The CIELCh color **47, 53.384, 122.877** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **21, 61.881, 310.165**, and the grayscale version is **43, 0.006, 296.813**.

A 20% lighter version of the original color is **67, 53.372, 122.950**, and **27, 44.588, 128.141** is the 20% darker color. If you saturate the color by 10%, you get **47, 57.548, 123.258**, and if you desaturate by 10%, it is **47, 48.091, 122.850**.

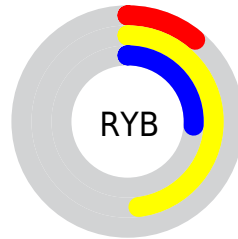
Distribution



Red (33%)

Green (48%)

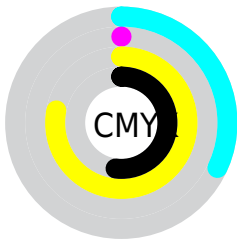
Blue (11%)



Red (11%)

Yellow (48%)

Blue (26%)

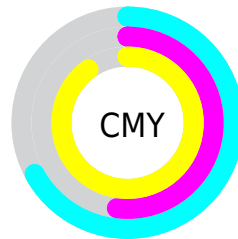


Cyan (32%)

Magenta (0%)

Yellow (78%)

Black (52%)



Cyan (67%)

Magenta (52%)

Yellow (90%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 47, 53.384, 122.877 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, 53.384, 122.877 by changing the saturation by 10% instead.

 47, 53.384,
122.877


 47, 53.384,
122.877


 100, 53.384,
122.877


 37, 53.384,
122.877

 67, 53.384,
122.877


 27, 53.384,
122.877

 77, 53.384,
122.877

 17, 53.384,
122.877

 87, 53.384,
122.877

 7, 53.384, 122.877

 97, 53.384,
122.877

 0, 53.384, 122.877

 47, 53.384,

 47, 53.384,

122.877

122.877

■ 47, 57.548,
123.258

■ 47, 48.091,
122.850

■ 46, 60.700,
123.928

■ 48, 41.968,
123.066

■ 46, 61.236,
124.023

■ 48, 35.283,
123.432

■ 49, 28.239,
123.881

■ 49, 20.978,
124.367

■ 50, 13.599,
124.863

■ 51, 6.171, 125.351

■ 52, 1.258, 305.754

Harmonies

Complementary

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



47, 53.384, 122.877



21, 61.881, 310.165

Rectangle

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



47, 53.384, 122.877



47, 53.384, 172.877



47, 53.384, 302.877



47, 53.384, 352.877

Sweetspot

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



47, 53.384, 122.878



64, 21.284, 124.602



34, 39.808, 56.833



33, 14.834, 124.451



84, 0.010, 296.813



35, 0.005, 296.813

Same Dimension

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



47, 53.384, 122.878



60, 72.918, 123.881



45, 60.999, 136.249



25, 4.175, 125.314



47, 62.080, 124.054



90, 105.237, 124.911

Inverse Universe

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



21, 61.881, 310.165



24, 87.088, 310.219



29, 60.580, 324.598



24, 4.238, 306.150



16, 74.737, 310.339



38, 126.605, 309.773

Previews

White Background



This preview shows how the CIELCh color 47, 53.384, 122.877 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, 53.384, 122.877 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

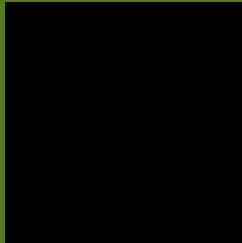
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 47, 53.384, 122.877

Background



This preview shows how black text looks on a background with the CIELCh color 47, 53.384, 122.877.



This preview shows how white text looks on a background with the CIELCh color 47, 53.384, 122.877.

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](#).

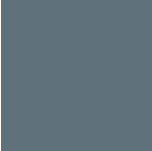
Dichromacy



Original Color
47, 53.384, 122.877

Protanopia
47, 46.854, 95.270

Deuteranopia
47, 43.142, 81.631



Tritanopia
47, 8.774, 236.384

Trichromacy



Original Color
47, 53.384, 122.877

Protanomaly
47, 47.588, 106.562

Deuteranomaly
46, 43.388, 98.963

Tritanomaly
47, 20.301, 140.271

Monochromacy



Original Color
47, 53.384, 122.877

Achromatopsia
42, 0.006, 296.813

Achromatomaly
44, 21.568, 123.952

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 53.384, 122.877 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(84, 123, 27)` looks like.

```
.text, #text, p{  
    color:rgb(84, 123, 27)  
}
```

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(84, 123, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 123, 27) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 53.384, 122.877 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(84, 123, 27) }
```

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

```
.border{ border-color:rgb(84, 123, 27) }
```

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

Here you see how a box with a 4 pixel rgb(84, 123, 27) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 123, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 123, 27);  
box-shadow:4px 4px 4px 4px rgb(84, 123,  
27) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 53.384, 122.877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 123, 27) }
```

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

```
.background{ background-color: rgb(84, 123,  
27) }
```

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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