

Converting Colors

CIELCh(49, 49.204, 12.552)

Have a look what the booklet for
CIELCh(49, 49.204, 12.552) contains.

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Color

CIELCh(49, 48.865, 12.314)

Conversions

Conversions Part 1

Format	Color
Hex	C04E65
RGB	192, 78, 101
RGB Percent	75%, 31%, 40%
CMY	0.2471, 0.6941, 0.6039
CMYK	0.00, 0.59, 0.47, 0.25
HSL	348°, 47%, 53%
HSV	348°, 59%, 75%
XYZ	26.8105, 17.5941, 14.2942
YIQ	114.7080, 60.5610, 31.3210

Conversions

Conversions Part 2

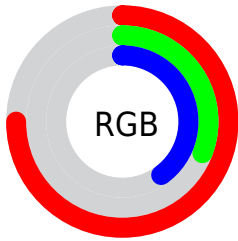
Format	Color
R_{YB}	192, 78, 101
Decimal	12602981
CIE _{Lab}	49.00, 47.74, 10.42
CIE _{LCh}	49, 48.865, 12.314
Yxy	17.5941, 0.4567, 0.2997
Android (android.graphics.Color)	4290793061 (0xFFC04E65)
YUV	114.7080, -6.7580, 67.7851
Hunter-Lab	41.9453, 40.6891, 9.1567

Details

The CIELCh color **49, 48.865, 12.314** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted rose. A complement of this color would be **71, 37.839, 177.015**, and the grayscale version is **48, 0.006, 296.813**.

A 20% lighter version of the original color is **69, 48.647, 12.329**, and **29, 48.992, 11.986** is the 20% darker color. If you saturate the color by 10%, you get **46, 56.667, 15.411**, and if you desaturate by 10%, it is **53, 40.500, 9.870**.

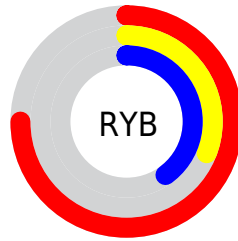
Distribution



Red (75%)

Green (31%)

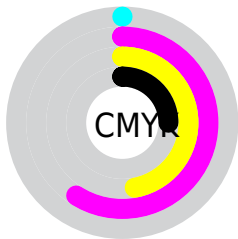
Blue (40%)



Red (75%)

Yellow (31%)

Blue (40%)

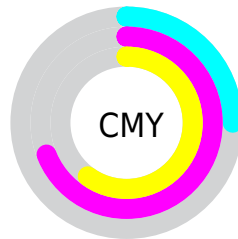


Cyan (0%)

Magenta (59%)

Yellow (47%)

Black (25%)



Cyan (25%)

Magenta (69%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 49, 48.865, 12.314 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 49, 48.865, 12.314 by changing the saturation by 10% instead.

 49, 48.865, 12.314

 49, 48.865, 12.314

 100, 48.865,
12.314

 39, 48.865, 12.314

 69, 48.865, 12.314

 29, 48.865, 12.314

 79, 48.865, 12.314

 19, 48.865, 12.314

 89, 48.865, 12.314

 9, 48.865, 12.314

 99, 48.865, 12.314

 0, 48.865, 12.314

 49, 48.865, 12.314

 49, 48.865, 12.314

 46, 56.667, 15.411

 53, 40.500, 9.870

 43, 63.614, 19.294

 58, 31.912, 7.922

41, 69.565, 24.005

62, 23.371, 6.346

40, 74.756, 29.181

67, 15.067, 5.043

40, 75.089, 29.484

73, 7.107, 3.923

78, 0.460, 184.144

83, 7.621, 182.334

89, 14.392,
181.601

94, 20.797,
180.967

Harmonies

Complementary

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



49, 48.865, 12.314



71, 37.839, 177.015

Rectangle

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



49, 48.865, 12.314



49, 48.865, 62.314



49, 48.865, 192.314



49, 48.865, 242.314

Sweetspot

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



49, 48.862, 12.316



86, 17.295, 4.914



49, 69.748, 320.663



44, 12.102, 5.267



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



49, 48.862, 12.316



58, 71.544, 16.402



55, 43.289, 47.408



38, 4.331, 3.923



33, 65.354, 28.686



3, 14.292, 8.530

Inverse Universe

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



49, 48.862, 12.316



58, 71.544, 16.402



62, 28.600, 237.601



38, 4.331, 3.923



33, 65.354, 28.686



3, 14.292, 8.530

Previews

White Background



This preview shows how the CIELCh color 49, 48.865, 12.314 looks on a white background.

Color Contrast Check

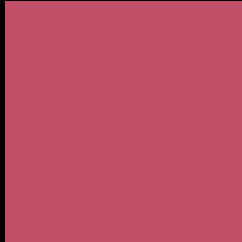
Large Text (above 18pt) WCAG AA ✓ Pass

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 49, 48.865, 12.314 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

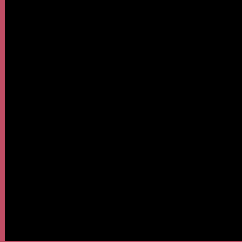
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 49, 48.865, 12.314

Background



This preview shows how black text looks on a background with the CIELCh color 49, 48.865, 12.314.



This preview shows how white text looks on a background with the CIELCh color 49, 48.865, 12.314.

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

49, 48.865, 12.314

Protanopia

49, 3.057, 305.676

Deuteranopia

49, 14.213, 61.027



Tritanopia
49, 48.710, 23.575

Trichromacy



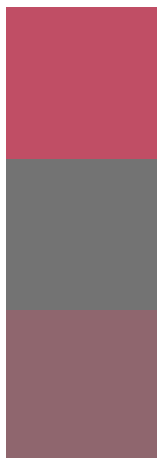
Original Color
49, 48.865, 12.314

Protanomaly
48, 19.175, 0.603

Deuteranomaly
48, 24.745, 25.218

Tritanomaly
49, 48.399, 19.780

Monochromacy



Original Color
49, 48.865, 12.314

Achromatopsia
48, 0.006, 296.813

Achromatomaly
48, 17.863, 6.652

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 49, 48.865, 12.314 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(192, 78, 101)` looks like.

```
.text, #text, p{  
    color:rgb(192, 78, 101)  
}
```

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(192, 78, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 78, 101) }
```

Border

The CSS property to change the border of an element to CIELCh 49, 48.865, 12.314 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(192, 78, 101) }
```

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

```
.border{ border-color:rgb(192, 78, 101) }
```

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

Here you see how a box with a 4 pixel rgb(192, 78, 101) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 78, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 78, 101);  
box-shadow:4px 4px 4px 4px rgb(192, 78,  
101) }
```

Background

The CSS property to change the background color of an element to CIELCh 49, 48.865, 12.314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 78, 101) }
```

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

```
.background{ background-color: rgb(192, 78,  
101) }
```

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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