

Converting Colors

CIELCh(48, 47.940, 17.501)

Have a look what the booklet for
CIELCh(48, 47.940, 17.501) contains.

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Color

CIELCh(48, 48.183, 17.305)

Conversions

Conversions Part 1

Format	Color
Hex	BC4D5C
RGB	188, 77, 92
RGB Percent	74%, 30%, 36%
CMY	0.2624, 0.6977, 0.6389
CMYK	0.00, 0.59, 0.51, 0.26
HSL	352°, 45%, 52%
HSV	352°, 59%, 74%
XYZ	25.3540, 16.7945, 12.0463
YIQ	111.8990, 61.3410, 28.1970

Conversions

Conversions Part 2

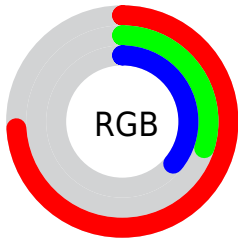
Format	Color
RYB	188, 77, 92
Decimal	12340572
CIELab	48.00, 46.00, 14.33
CIELCh	48, 48.183, 17.305
Yxy	16.7945, 0.4678, 0.3099
Android (android.graphics.Color)	4290530652 (0xFFBC4D5C)
YUV	111.8990, -9.8102, 66.7406
Hunter-Lab	40.9810, 38.7167, 11.2586

Details

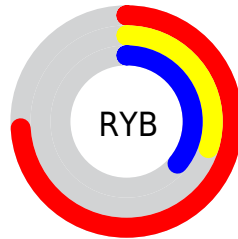
The CIELCh color **48, 48.183, 17.305** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **70, 35.167, 183.059**, and the grayscale version is **47, 0.006, 296.813**.

A 20% lighter version of the original color is **68, 48.234, 17.242**, and **28, 48.420, 17.617** is the 20% darker color. If you saturate the color by 10%, you get **45, 56.424, 20.412**, and if you desaturate by 10%, it is **52, 39.582, 14.855**.

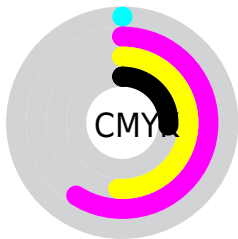
Distribution



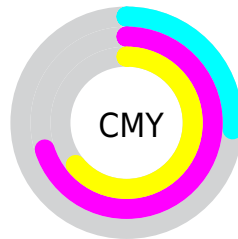
- Red (74%)
- Green (30%)
- Blue (36%)



- Red (74%)
- Yellow (30%)
- Blue (36%)



- Cyan (0%)
- Magenta (59%)
- Yellow (51%)
- Black (26%)



- Cyan (26%)
- Magenta (70%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 48, 48.183, 17.305 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, 48.183, 17.305 by changing the saturation by 10% instead.

 48, 48.183, 17.305  48, 48.183, 17.305

 100, 48.183,
17.305  38, 48.183, 17.305

 68, 48.183, 17.305  28, 48.183, 17.305

 78, 48.183, 17.305  18, 48.183, 17.305

 88, 48.183, 17.305  8, 48.183, 17.305

 98, 48.183, 17.305  0, 48.183, 17.305

 48, 48.183, 17.305  48, 48.183, 17.305

 45, 56.424, 20.412  52, 39.582, 14.855

 42, 64.026, 24.267  56, 30.926, 12.918

■ 40, 70.787, 28.820

■ 61, 22.449, 11.370

■ 39, 76.666, 33.545

■ 66, 14.308, 10.108

■ 39, 77.227, 33.949

■ 71, 6.585, 9.038

■ 77, 0.693, 188.981

■ 82, 7.529, 187.586

■ 88, 13.950,
186.921

■ 93, 19.989,
186.356

Harmonies

Complementary

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



48, 48.183, 17.305



70, 35.167, 183.059

Rectangle

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



48, 48.183, 17.305



48, 48.183, 67.305



48, 48.183, 197.305



48, 48.183, 247.305

Sweetspot

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



48, 48.180, 17.308



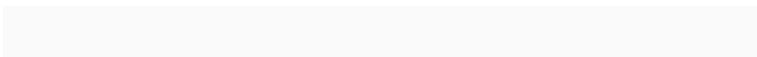
85, 16.741, 10.026



49, 68.693, 322.729



43, 11.727, 10.365



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



48, 48.180, 17.308



57, 71.780, 21.540



56, 41.289, 53.520



37, 4.154, 9.073



33, 67.419, 33.255



3, 12.386, 11.675

Inverse Universe

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



48, 48.180, 17.308



57, 71.780, 21.540



59, 29.151, 247.817



37, 4.154, 9.073



33, 67.419, 33.255



3, 12.386, 11.675

Previews

White Background



This preview shows how the CIELCh color 48, 48.183, 17.305 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, 48.183, 17.305 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

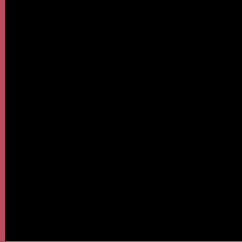
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 48, 48.183, 17.305

Background



This preview shows how black text looks on a background with the CIELCh color 48, 48.183, 17.305.



This preview shows how white text looks on a background with the CIELCh color 48, 48.183, 17.305.

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, 48.183, 17.305

Protanopia

48, 2.398, 66.578

Deuteranopia

48, 17.731, 68.976



Tritanopia
48, 48.430, 23.629

Trichromacy



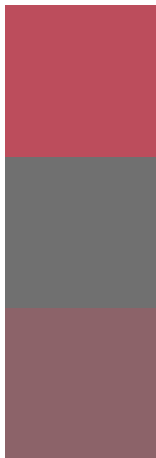
Original Color
48, 48.183, 17.305

Protanomaly
47, 18.118, 16.241

Deuteranomaly
47, 26.058, 33.989

Tritanomaly
48, 48.352, 21.151

Monochromacy



Original Color
48, 48.183, 17.305

Achromatopsia
47, 0.006, 296.813

Achromatomaly
46, 17.809, 10.442

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 48, 48.183, 17.305 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(188, 77, 92)` looks like.

```
.text, #text, p{  
    color:rgb(188, 77, 92)  
}
```

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(188, 77, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 77, 92) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 48.183, 17.305 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(188, 77, 92) }
```

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

```
.border{ border-color:rgb(188, 77, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 77, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 77, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 77, 92);  
box-shadow:4px 4px 4px 4px rgb(188, 77,  
92) }
```

Background

The CSS property to change the background color of an element to CIELCh 48, 48.183, 17.305 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 77, 92) }
```

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

```
.background{ background-color: rgb(188, 77,  
92) }
```

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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