

Converting Colors

CIELCh(47, 48.068, 23.096)

Have a look what the booklet for
CIELCh(47, 48.068, 23.096) contains.

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Color

CIELCh(47, 48.068, 23.096)

Conversions

Conversions Part 1

Format	Color
Hex	B84C52
RGB	184, 76, 82
RGB Percent	72%, 30%, 32%
CMY	0.2777, 0.7013, 0.6778
CMYK	0.00, 0.59, 0.55, 0.28
HSL	357°, 43%, 51%
HSV	357°, 59%, 72%
XYZ	23.9403, 16.0195, 9.8444
YIQ	108.9760, 62.4420, 24.7620

Conversions

Conversions Part 2

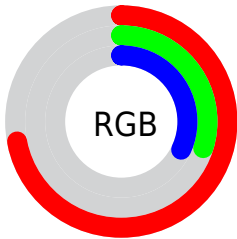
Format	Color
RYB	184, 76, 82
Decimal	12078162
CIELab	47.00, 44.22, 18.86
CIELCh	47, 48.068, 23.096
Yxy	16.0195, 0.4807, 0.3216
Android (android.graphics.Color)	4290268242 (0xFFB84C52)
YUV	108.9760, -13.2992, 65.7960
Hunter-Lab	40.0243, 36.7259, 13.4340

Details

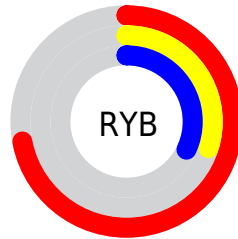
The CIELCh color **47, 48.068, 23.096** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **69, 32.697, 191.013**, and the grayscale version is **46, 0.006, 296.813**.

A 20% lighter version of the original color is **67, 47.991, 23.385**, and **27, 48.175, 23.628** is the 20% darker color. If you saturate the color by 10%, you get **44, 56.905, 26.080**, and if you desaturate by 10%, it is **51, 39.086, 20.744**.

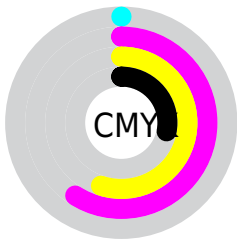
Distribution



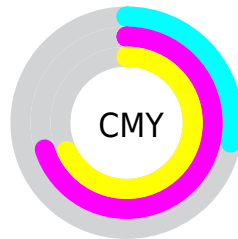
- Red (72%)
- Green (30%)
- Blue (32%)



- Red (72%)
- Yellow (30%)
- Blue (32%)



- Cyan (0%)
- Magenta (59%)
- Yellow (55%)
- Black (28%)



- Cyan (28%)
- Magenta (70%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 47, 48.068, 23.096 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, 48.068, 23.096 by changing the saturation by 10% instead.

■ 47, 48.068, 23.096

■ 47, 48.068, 23.096

■ 100, 48.068,
23.096

■ 37, 48.068, 23.096

■ 67, 48.068, 23.096

■ 27, 48.068, 23.096

■ 77, 48.068, 23.096

■ 17, 48.068, 23.096

■ 87, 48.068, 23.096

■ 7, 48.068, 23.096

■ 97, 48.068, 23.096

■ 0, 48.068, 23.096

■ 47, 48.068, 23.096

■ 47, 48.068, 23.096

■ 44, 56.905, 26.080

■ 51, 39.086, 20.744

■ 41, 65.291, 29.715

■ 55, 30.239, 18.905

■ 39, 72.834, 33.789

■ 60, 21.727, 17.466

■ 38, 78.876, 37.470

■ 65, 13.669, 16.322

■ 38, 79.566, 37.821

■ 70, 6.116, 15.372

■ 76, 0.925, 195.278

■ 81, 7.480, 194.191

■ 86, 13.588,
193.657

■ 92, 19.293,
193.221

Harmonies

Complementary

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



47, 48.068, 23.096



69, 32.697, 191.013

Rectangle

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



47, 48.068, 23.096



47, 48.068, 73.096



47, 48.068, 203.096



47, 48.068, 253.096

Sweetspot

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



47, 48.066, 23.099



83, 16.328, 16.287



50, 67.848, 325.309



42, 11.454, 16.591



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



47, 48.066, 23.099



56, 71.976, 26.938



57, 39.817, 61.594



36, 4.009, 15.435



32, 69.798, 37.337



2, 10.665, 16.040

Inverse Universe

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



47, 48.066, 23.099



56, 71.976, 26.938



55, 31.035, 259.338



36, 4.009, 15.435



32, 69.798, 37.337



2, 10.665, 16.040

Previews

White Background



This preview shows how the CIELCh color 47, 48.068, 23.096 looks on a white background.

Color Contrast Check

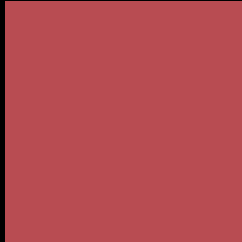
Large Text (above 18pt) WCAG AA ✓ Pass

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, 48.068, 23.096 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, 48.068, 23.096

Background



This preview shows how black text looks on a background with the CIELCh color 47, 48.068, 23.096.

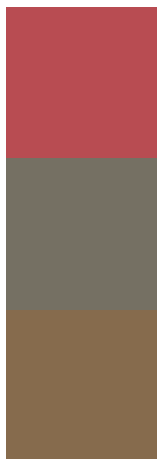


This preview shows how white text looks on a background with the CIELCh color 47, 48.068, 23.096.

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, 48.068, 23.096

Protanopia

47, 7.935, 93.525

Deuteranopia

47, 21.834, 72.940



Tritanopia
47, 48.223, 23.764

Trichromacy



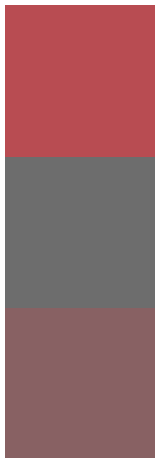
Original Color
47, 48.068, 23.096

Protanomaly
46, 19.101, 32.242

Deuteranomaly
46, 28.294, 42.688

Tritanomaly
47, 48.223, 23.764

Monochromacy



Original Color
47, 48.068, 23.096

Achromatopsia
46, 0.006, 296.813

Achromatomaly
45, 16.948, 17.695

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 48.068, 23.096 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(184, 76, 82)` looks like.

```
.text, #text, p{  
  color:rgb(184, 76, 82)  
}
```

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(184, 76, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 76, 82) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 48.068, 23.096 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(184, 76, 82) }
```

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

```
.border{ border-color:rgb(184, 76, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 76, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 76, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 76, 82);  
box-shadow:4px 4px 4px 4px rgb(184, 76,  
82) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 48.068, 23.096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 76, 82) }
```

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

```
.background{ background-color: rgb(184, 76,  
82) }
```

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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