

Converting Colors

CIELCh(47, 48.952, 5.161)

Have a look what the booklet for
CIELCh(47, 48.952, 5.161) contains.

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Color

CIELCh(47, 48.854, 5.086)

Conversions

Conversions Part 1

Format	Color
Hex	B9486A
RGB	185, 72, 106
RGB Percent	73%, 28%, 42%
CMY	0.2741, 0.7172, 0.5839
CMYK	0.00, 0.61, 0.43, 0.27
HSL	342°, 45%, 50%
HSV	342°, 61%, 73%
XYZ	24.9659, 16.0195, 15.4381
YIQ	109.6630, 56.4340, 34.5300

Conversions

Conversions Part 2

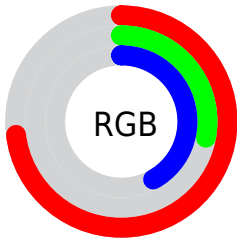
Format	Color
R_{YB}	185, 72, 106
Decimal	12142698
CIE _{Lab}	47.00, 48.66, 4.33
CIE _{LCh}	47, 48.854, 5.086
Yxy	16.0195, 0.4425, 0.2839
Android (android.graphics.Color)	4290332778 (0xFFB9486A)
YUV	109.6630, -1.8059, 66.0705
Hunter-Lab	40.0243, 41.3000, 5.1477

Details

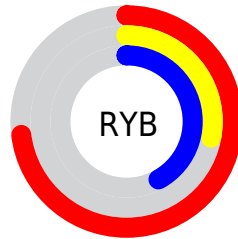
The CIELCh color **47, 48.854, 5.086** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **68, 40.959, 168.993**, and the grayscale version is **46, 0.006, 296.813**.

A 20% lighter version of the original color is **67, 48.495, 5.198**, and **27, 48.692, 4.983** is the 20% darker color. If you saturate the color by 10%, you get **44, 55.655, 8.032**, and if you desaturate by 10%, it is **51, 41.197, 2.753**.

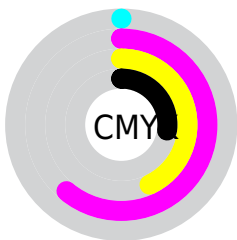
Distribution



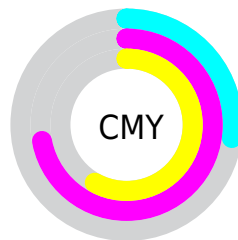
- Red (73%)
- Green (28%)
- Blue (42%)



- Red (73%)
- Yellow (28%)
- Blue (42%)



- Cyan (0%)
- Magenta (61%)
- Yellow (43%)
- Black (27%)



- Cyan (27%)
- Magenta (72%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 47, 48.854, 5.086 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, 48.854, 5.086 by changing the saturation by 10% instead.

 47, 48.854, 5.086  47, 48.854, 5.086

 100, 48.854, 5.086  37, 48.854, 5.086

 67, 48.854, 5.086  27, 48.854, 5.086

 77, 48.854, 5.086  17, 48.854, 5.086



 87, 48.854, 5.086  7, 48.854, 5.086

 97, 48.854, 5.086  0, 48.854, 5.086

 47, 48.854, 5.086  47, 48.854, 5.086

 44, 55.655, 8.032  51, 41.197, 2.753

 41, 61.292, 11.754  55, 33.060, 0.875

 40, 65.657, 16.376  60, 24.760,

■ 39, 68.911, 21.052

359.331

■ 64, 16.529,
358.034

■ 70, 8.512, 356.907

■ 75, 0.792, 355.435

■ 80, 6.595, 175.229

■ 85, 13.644,
174.442

■ 90, 20.367,
173.755

Harmonies

Complementary

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



47, 48.854, 5.086



68, 40.959, 168.993

Rectangle

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



47, 48.854, 5.086



47, 48.854, 55.086



47, 48.854, 185.086



47, 48.854, 235.086

Sweetspot

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



47, 48.851, 5.088



83, 17.354, 357.710



45, 68.909, 317.603



43, 12.115, 358.051



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, 48.851, 5.088



56, 69.874, 9.111



50, 45.757, 39.270



36, 4.322, 356.724



32, 60.338, 20.213



2, 11.212, 1.743

Inverse Universe

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



47, 48.851, 5.088



56, 69.874, 9.111



63, 28.243, 221.919



36, 4.322, 356.724



32, 60.338, 20.213



2, 11.212, 1.743

Previews

White Background



This preview shows how the CIELCh color 47, 48.854, 5.086 looks on a white background.

Color Contrast Check

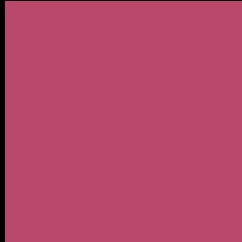
Large Text (above 18pt) WCAG AA ✓ Pass

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, 48.854, 5.086 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

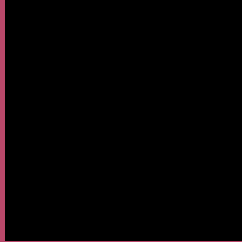
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 47, 48.854, 5.086

Background



This preview shows how black text looks on a background with the CIELCh color 47, 48.854, 5.086.

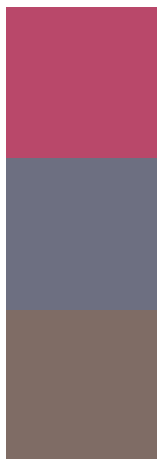


This preview shows how white text looks on a background with the CIELCh color 47, 48.854, 5.086.

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, 48.854, 5.086

Protanopia

47, 10.665, 287.536

Deuteranopia

47, 9.175, 46.782



Tritanopia
47, 47.299, 23.493

Trichromacy



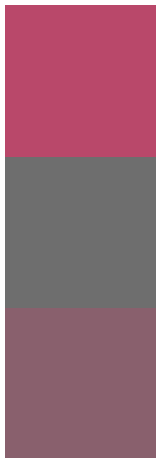
Original Color
47, 48.854, 5.086

Protanomaly
46, 21.410, 340.931

Deuteranomaly
46, 23.162, 11.062

Tritanomaly
47, 47.404, 16.448

Monochromacy



Original Color
47, 48.854, 5.086

Achromatopsia
46, 0.006, 296.813

Achromatomaly
45, 18.744, 357.932

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 48.854, 5.086 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(185, 72, 106)` looks like.

```
.text, #text, p{  
    color:rgb(185, 72, 106)  
}
```

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(185, 72, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 72, 106) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 48.854, 5.086 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(185, 72, 106) }
```

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

```
.border{ border-color:rgb(185, 72, 106) }
```

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

Here you see how a box with a 4 pixel rgb(185, 72, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 72, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 72, 106);  
box-shadow:4px 4px 4px 4px rgb(185, 72,  
106) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 48.854, 5.086 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 72, 106) }
```

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

```
.background{ background-color: rgb(185, 72,  
106) }
```

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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