

Converting Colors

CIELCh(48, 64.067, 1.782)

Have a look what the booklet for
CIELCh(48, 64.067, 1.782) contains.

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Color

CIELCh(48, 64.044, 1.878)

Conversions

Conversions Part 1

Format	Color
Hex	CF3371
RGB	207, 51, 113
RGB Percent	81%, 20%, 44%
CMY	0.1887, 0.8005, 0.5572
CMYK	0.00, 0.75, 0.45, 0.19
HSL	336°, 62%, 51%
HSV	336°, 75%, 81%
XYZ	29.8520, 16.7945, 17.2626
YIQ	104.7120, 73.0740, 52.3540

Conversions

Conversions Part 2

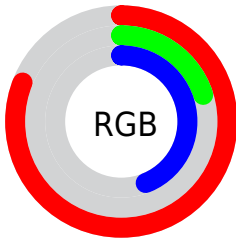
Format	Color
R_{YB}	207, 51, 113
Decimal	13579121
CIE _{Lab}	48.00, 64.01, 2.10
CIE _{LCh}	48, 64.044, 1.878
Yxy	16.7945, 0.4671, 0.2628
Android (android.graphics.Color)	4291769201 (0xFFCF3371)
YUV	104.7120, 4.0860, 89.7066
Hunter-Lab	40.9810, 58.3087, 3.7118

Details

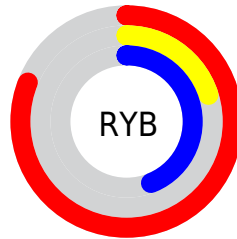
The CIELCh color **48, 64.044, 1.878** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **74, 57.468, 159.960**, and the grayscale version is **44, 0.006, 296.813**.

A 20% lighter version of the original color is **66, 59.883, 358.719**, and **31, 55.994, 6.605** is the 20% darker color. If you saturate the color by 10%, you get **46, 68.596, 5.521**, and if you desaturate by 10%, it is **51, 57.766, 359.011**.

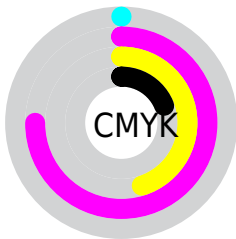
Distribution



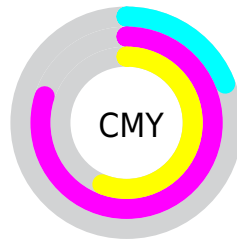
- Red (81%)
- Green (20%)
- Blue (44%)



- Red (81%)
- Yellow (20%)
- Blue (44%)



- Cyan (0%)
- Magenta (75%)
- Yellow (45%)
- Black (19%)











- Cyan (19%)
- Magenta (80%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 48, 64.044, 1.878 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, 64.044, 1.878 by changing the saturation by 10% instead.

 48, 64.044, 1.878	 48, 64.044, 1.878
 100, 64.044, 1.878	 38, 64.044, 1.878
 68, 64.044, 1.878	 28, 64.044, 1.878
 78, 64.044, 1.878	 18, 64.044, 1.878
 88, 64.044, 1.878	 8, 64.044, 1.878
 98, 64.044, 1.878	 0, 64.044, 1.878

 48, 64.044, 1.878	 48, 64.044, 1.878
 46, 68.596, 5.521	 51, 57.766, 359.011
 44, 71.451, 10.078	
 44, 72.534, 12.348	 55, 50.093, 356.737

■ 59, 41.472,
354.901

■ 64, 32.339,
353.384

■ 69, 23.033,
352.098

■ 75, 13.794,
350.981

■ 80, 4.767, 349.949

■ 86, 3.966, 169.296

■ 91, 12.369,
168.441

Harmonies

Complementary

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



48, 64.044, 1.878



74, 57.468, 159.960

Rectangle

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



48, 64.044, 1.878



48, 64.044, 51.878



48, 64.044, 181.878



48, 64.044, 231.878

Sweetspot

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



48, 64.041, 1.879



85, 24.652, 351.848



43, 89.915, 315.297



43, 17.128, 352.282



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



48, 64.041, 1.879



55, 82.429, 7.995



49, 67.620, 36.421



41, 5.078, 350.364



36, 62.109, 11.503



5, 20.980, 0.257

Inverse Universe

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



48, 64.041, 1.879



55, 82.429, 7.995



71, 35.951, 210.758



41, 5.078, 350.364



36, 62.109, 11.503



5, 20.980, 0.257

Previews

White Background



This preview shows how the CIELCh color 48, 64.044, 1.878 looks on a white background.

Color Contrast Check

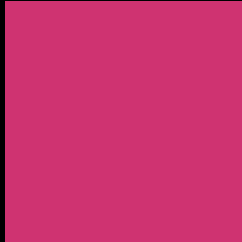
Large Text (above 18pt) WCAG AA ✓ Pass

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, 64.044, 1.878 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

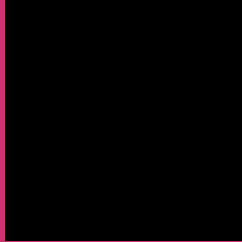
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 48, 64.044, 1.878

Background



This preview shows how black text looks on a background with the CIELCh color 48, 64.044, 1.878.

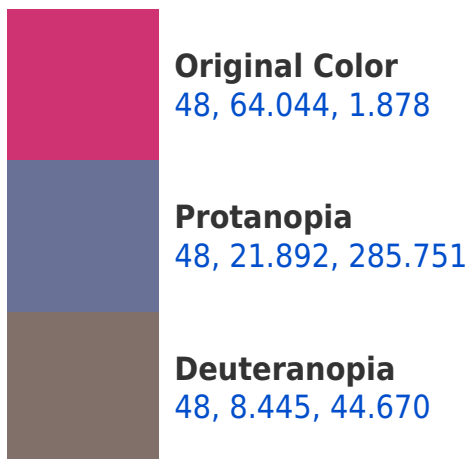


This preview shows how white text looks on a background with the CIELCh color 48, 64.044, 1.878.

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](#).

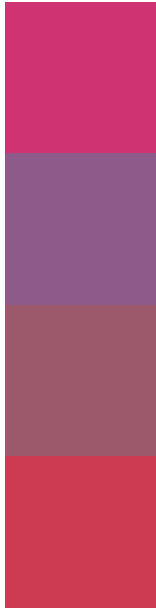
Dichromacy





Tritanopia
48, 63.337, 28.735

Trichromacy



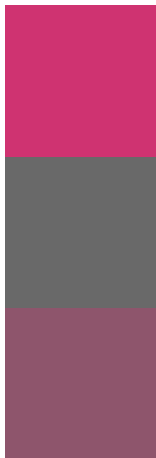
Original Color
48, 64.044, 1.878

Protanomaly
45, 33.907, 329.218

Deuteranomaly
46, 30.358, 2.725

Tritanomaly
48, 61.767, 19.097

Monochromacy



Original Color
48, 64.044, 1.878

Achromatopsia
44, 0.006, 296.813

Achromatomaly
43, 27.078, 353.510

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 48, 64.044, 1.878 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(207, 51, 113)` looks like.

```
.text, #text, p{  
    color:rgb(207, 51, 113)  
}
```

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(207, 51, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 51, 113) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 64.044, 1.878 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(207, 51, 113) }
```

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

```
.border{ border-color:rgb(207, 51, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 51, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 51, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 51, 113);  
box-shadow:4px 4px 4px 4px rgb(207, 51,  
113) }
```

Background

The CSS property to change the background color of an element to CIELCh 48, 64.044, 1.878 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 51, 113) }
```

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

```
.background{ background-color: rgb(207, 51,  
113) }
```

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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