

Converting Colors

CIELCh(47, 68.302, 3.725)

Have a look what the booklet for
CIELCh(47, 68.302, 3.725) contains.

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Color

CIELCh(47, 68.470, 3.654)

Conversions

Conversions Part 1

Format	Color
Hex	D2246B
RGB	210, 36, 107
RGB Percent	82%, 14%, 42%
CMY	0.1766, 0.8589, 0.5805
CMYK	0.00, 0.83, 0.49, 0.18
HSL	336°, 71%, 48%
HSV	336°, 83%, 82%
XYZ	29.8549, 16.0195, 15.4236
YIQ	96.1200, 80.9130, 58.9690

Conversions

Conversions Part 2

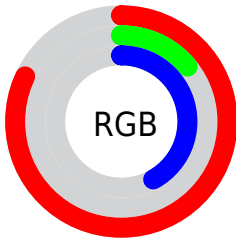
Format	Color
R_{YB}	210, 36, 107
Decimal	13771883
CIE _{Lab}	47.00, 68.33, 4.36
CIE _{LCh}	47, 68.470, 3.654
Yxy	16.0195, 0.4870, 0.2613
Android (android.graphics.Color)	4291961963 (0xFFD2246B)
YUV	96.1200, 5.3638, 99.8728
Hunter-Lab	40.0243, 63.1038, 5.1693

Details

The CIELCh color **47, 68.470, 3.654** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **75, 62.611, 157.828**, and the grayscale version is **41, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 63.039, 0.198**, and **31, 56.697, 10.443** is the 20% darker color. If you saturate the color by 10%, you get **45, 71.643, 7.904**, and if you desaturate by 10%, it is **49, 63.481, 0.286**.

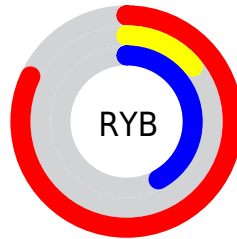
Distribution



Red (82%)

Green (14%)

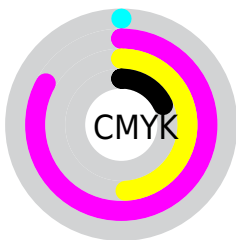
Blue (42%)



Red (82%)

Yellow (14%)

Blue (42%)

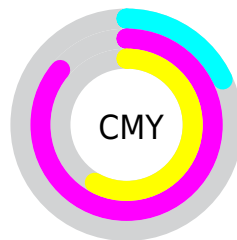


Cyan (0%)

Magenta (83%)

Yellow (49%)

Black (18%)



Cyan (18%)

Magenta (86%)

Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 47, 68.470, 3.654 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, 68.470, 3.654 by changing the saturation by 10% instead.


 47, 68.470, 3.654  47, 68.470, 3.654

 100, 68.470, 3.654  37, 68.470, 3.654

 67, 68.470, 3.654  27, 68.470, 3.654



 77, 68.470, 3.654  17, 68.470, 3.654

 87, 68.470, 3.654  7, 68.470, 3.654

 97, 68.470, 3.654  0, 68.470, 3.654

 47, 68.470, 3.654  47, 68.470, 3.654

 45, 71.643, 7.904  49, 63.481, 0.286

 45, 73.213, 11.380  53, 56.778,
357.632

57, 48.741,
355.518

61, 39.840,
353.799

66, 30.499,
352.366

71, 21.041,
351.142

77, 11.684,
350.067

83, 2.563, 348.995

88, 6.254, 168.410

Harmonies

Complementary

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



47, 68.470, 3.654



75, 62.611, 157.828

Rectangle

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



47, 68.470, 3.654



47, 68.470, 53.654



47, 68.470, 183.654



47, 68.470, 233.654

Sweetspot

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



47, 68.466, 3.655



84, 27.005, 351.422



40, 97.293, 314.743



42, 18.483, 351.851



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



47, 68.466, 3.655



54, 84.624, 11.517



47, 76.408, 37.501



41, 5.110, 349.718



36, 62.011, 10.494



5, 21.048, 359.644

Inverse Universe

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



47, 68.466, 3.655



54, 84.624, 11.517



72, 38.044, 208.874



41, 5.110, 349.718



36, 62.011, 10.494



5, 21.048, 359.644

Previews

White Background



This preview shows how the CIELCh color 47, 68.470, 3.654 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, 68.470, 3.654 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, 68.470, 3.654

Background



This preview shows how black text looks on a background with the CIELCh color 47, 68.470, 3.654.

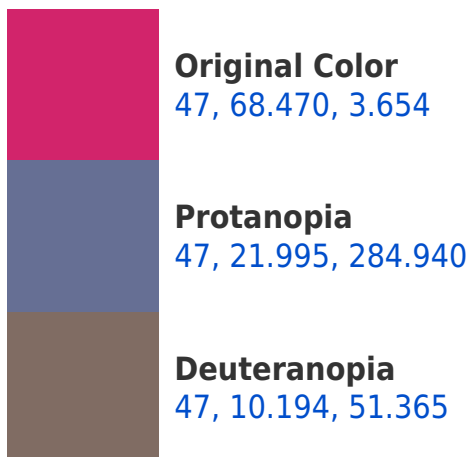


This preview shows how white text looks on a background with the CIELCh color 47, 68.470, 3.654.

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](#).

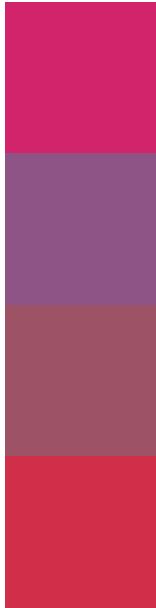
Dichromacy





Tritanopia
47, 70.015, 31.288

Trichromacy



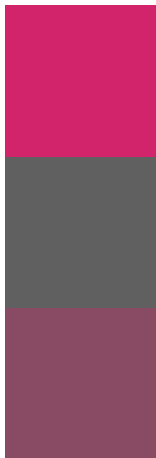
Original Color
47, 68.470, 3.654

Protanomaly
44, 35.983, 330.916

Deuteranomaly
45, 33.857, 4.824

Tritanomaly
47, 67.637, 21.595

Monochromacy



Original Color
47, 68.470, 3.654

Achromatopsia
41, 0.006, 296.813

Achromatomaly
40, 30.220, 353.750

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 68.470, 3.654 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(210, 36, 107)` looks like.

```
.text, #text, p{  
    color:rgb(210, 36, 107)  
}
```

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(210, 36, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 36, 107) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 68.470, 3.654 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(210, 36, 107) }
```

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

```
.border{ border-color:rgb(210, 36, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 36, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 36, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 36, 107);  
box-shadow:4px 4px 4px 4px rgb(210, 36,  
107) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 68.470, 3.654 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 36, 107) }
```

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

```
.background{ background-color: rgb(210, 36,  
107) }
```

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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