

Converting Colors

CIELCh(47, 71.904, 5.175)

Have a look what the booklet for
CIELCh(47, 71.904, 5.175) contains.

CIELCh(47, 72.050, 5.104)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(47, 72.050, 5.104)

Conversions

Conversions Part 1

Format	Color
Hex	D71768
RGB	215, 23, 104
RGB Percent	84%, 9%, 41%
CMY	0.1575, 0.9110, 0.5927
CMYK	0.00, 0.89, 0.52, 0.16
HSL	335°, 81%, 47%
HSV	335°, 89%, 84%
XYZ	30.7688, 16.0195, 14.5332
YIQ	89.6420, 88.4310, 65.8950

Conversions

Conversions Part 2

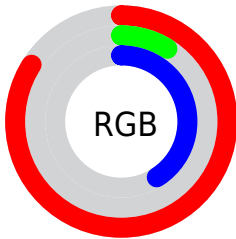
Format	Color
R _Y B	215, 23, 104
Decimal	14096232
CIE Lab	47.00, 71.76, 6.41
CIE LCh	47, 72.050, 5.104
Yxy	16.0195, 0.5018, 0.2612
Android (android.graphics.Color)	4292286312 (0xFFD71768)
YUV	89.6420, 7.0785, 109.9390
Hunter-Lab	40.0243, 67.1799, 6.4883

Details

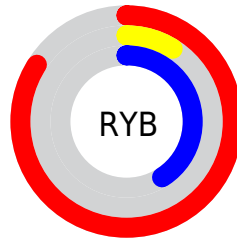
The CIELCh color **47, 72.050, 5.104** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **76, 67.860, 155.529**, and the grayscale version is **38, 0.005, 296.813**.

A 20% lighter version of the original color is **63, 65.233, 0.409**, and **32, 58.056, 12.828** is the 20% darker color. If you saturate the color by 10%, you get **46, 74.212, 9.776**, and if you desaturate by 10%, it is **49, 68.343, 1.267**.

Distribution



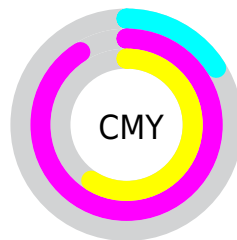
- Red (84%)
- Green (9%)
- Blue (41%)



- Red (84%)
- Yellow (9%)
- Blue (41%)



- Cyan (0%)
- Magenta (89%)
- Yellow (52%)
- Black (16%)



- Cyan (16%)
- Magenta (91%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 47, 72.050, 5.104 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, 72.050, 5.104 by changing the saturation by 10% instead.

 47, 72.050, 5.104  47, 72.050, 5.104

 100, 72.050, 5.104  37, 72.050, 5.104

 67, 72.050, 5.104  27, 72.050, 5.104

 77, 72.050, 5.104  17, 72.050, 5.104

 87, 72.050, 5.104  7, 72.050, 5.104

 97, 72.050, 5.104  0, 72.050, 5.104

 47, 72.050, 5.104  47, 72.050, 5.104

 46, 74.212, 9.776  49, 68.343, 1.267

 46, 74.335, 10.047  52, 62.729,
358.241

■ 55, 55.430,
355.850

■ 60, 46.897,
353.930

■ 64, 37.611,
352.352

■ 69, 27.978,
351.021

■ 75, 18.297,
349.871

■ 81, 8.761, 348.844

■ 86, 0.513, 168.900

Harmonies

Complementary

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



47, 72.050, 5.104



76, 67.860, 155.529

Rectangle

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



47, 72.050, 5.104



47, 72.050, 55.104



47, 72.050, 185.104



47, 72.050, 235.104

Sweetspot

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



47, 72.046, 5.106



83, 29.448, 350.758



38, 103.617, 314.063



42, 19.891, 351.180



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, 72.046, 5.106



54, 84.662, 10.600



47, 84.192, 38.607



42, 5.259, 348.843



36, 62.608, 9.166



5, 22.876, 359.294

Inverse Universe

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



47, 72.046, 5.106



54, 84.662, 10.600



74, 39.988, 206.762



42, 5.259, 348.843



36, 62.608, 9.166



5, 22.876, 359.294

Previews

White Background



This preview shows how the CIELCh color 47, 72.050, 5.104 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, 72.050, 5.104 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, 72.050, 5.104

Background



This preview shows how black text looks on a background with the CIELCh color 47, 72.050, 5.104.

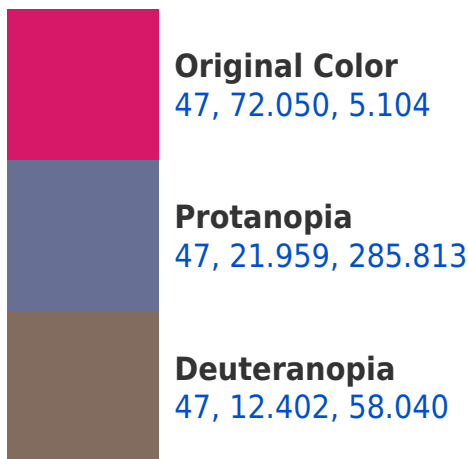


This preview shows how white text looks on a background with the CIELCh color 47, 72.050, 5.104.

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, 75.432, 33.167

Trichromacy



Original Color
47, 72.050, 5.104

Protanomaly
43, 39.420, 332.829

Deuteranomaly
44, 37.258, 6.675

Tritanomaly
47, 72.301, 23.464

Monochromacy



Original Color
47, 72.050, 5.104

Achromatopsia
38, 0.005, 296.813

Achromatomaly
37, 33.545, 354.587

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 72.050, 5.104 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(215, 23, 104)` looks like.

```
.text, #text, p{  
    color:rgb(215, 23, 104)  
}
```

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(215, 23, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 23, 104) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 72.050, 5.104 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(215, 23, 104) }
```

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

```
.border{ border-color:rgb(215, 23, 104) }
```

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

Here you see how a box with a 4 pixel rgb(215, 23, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 23, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 23, 104);  
box-shadow:4px 4px 4px 4px rgb(215, 23,  
104) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 72.050, 5.104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 23, 104) }
```

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

```
.background{ background-color: rgb(215, 23,  
104) }
```

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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