

Converting Colors

CIELCh(47, 72.787, 3.798)

Have a look what the booklet for
CIELCh(47, 72.787, 3.798) contains.

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Color

CIELCh(47, 72.643, 3.927)

Conversions

Conversions Part 1

Format	Color
Hex	D7146A
RGB	215, 20, 106
RGB Percent	84%, 8%, 42%
CMY	0.1558, 0.9230, 0.5835
CMYK	0.00, 0.91, 0.51, 0.16
HSL	333°, 83%, 46%
HSV	333°, 91%, 84%
XYZ	30.9596, 16.0195, 15.1539
YIQ	88.1090, 88.6140, 68.0860

Conversions

Conversions Part 2

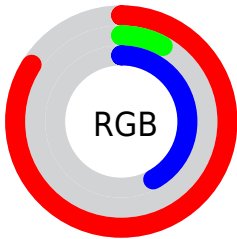
Format	Color
R_{YB}	215, 20, 106
Decimal	14095466
CIE _{Lab}	47.00, 72.47, 4.97
CIE _{LCh}	47, 72.643, 3.927
Yxy	16.0195, 0.4983, 0.2578
Android (android.graphics.Color)	4292285546 (0xFFD7146A)
YUV	88.1090, 8.8203, 111.2834
Hunter-Lab	40.0243, 68.0307, 5.5688

Details

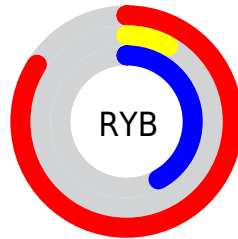
The CIELCh color **47, 72.643, 3.927** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **76, 70.122, 154.032**, and the grayscale version is **37, 0.005, 296.813**.

A 20% lighter version of the original color is **63, 65.850, 359.284**, and **32, 57.980, 12.204** is the 20% darker color. If you saturate the color by 10%, you get **46, 74.320, 8.079**, and if you desaturate by 10%, it is **49, 69.377, 0.123**.

Distribution



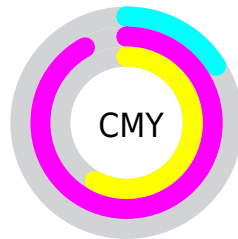
- Red (84%)
- Green (8%)
- Blue (42%)



- Red (84%)
- Yellow (8%)
- Blue (42%)



- Cyan (0%)
- Magenta (91%)
- Yellow (51%)
- Black (16%)



- Cyan (16%)
- Magenta (92%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 47, 72.643, 3.927 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, 72.643, 3.927 by changing the saturation by 10% instead.

 47, 72.643, 3.927  47, 72.643, 3.927


 100, 72.643, 3.927  37, 72.643, 3.927

 67, 72.643, 3.927  27, 72.643, 3.927


 77, 72.643, 3.927  17, 72.643, 3.927

 87, 72.643, 3.927  7, 72.643, 3.927

 97, 72.643, 3.927  0, 72.643, 3.927

 47, 72.643, 3.927  47, 72.643, 3.927

 46, 74.320, 8.079  49, 69.377, 0.123

 51, 64.129,
357.121

■ 55, 57.086,
354.749

■ 59, 48.689,
352.844

■ 64, 39.434,
351.276

■ 69, 29.751,
349.953

■ 74, 19.959,
348.808

■ 80, 10.274,
347.789

■ 86, 0.825, 346.397

Harmonies

Complementary

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



47, 72.643, 3.927



76, 70.122, 154.032

Rectangle

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



47, 72.643, 3.927



47, 72.643, 53.927



47, 72.643, 183.927



47, 72.643, 233.927

Sweetspot

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



47, 72.639, 3.928



83, 29.777, 349.520



38, 104.863, 313.556



42, 20.107, 349.931



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, 72.639, 3.928



55, 84.482, 8.606



46, 85.871, 38.574



42, 5.326, 347.645



36, 62.540, 7.223



5, 23.021, 358.032

Inverse Universe

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



47, 72.639, 3.928



55, 84.482, 8.606



75, 40.877, 204.101



42, 5.326, 347.645



36, 62.540, 7.223



5, 23.021, 358.032

Previews

White Background



This preview shows how the CIELCh color 47, 72.643, 3.927 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, 72.643, 3.927 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, 72.643, 3.927

Background



This preview shows how black text looks on a background with the CIELCh color 47, 72.643, 3.927.



This preview shows how white text looks on a background with the CIELCh color 47, 72.643, 3.927.

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, 72.516, 3.985

Protanopia

47, 24.349, 285.364

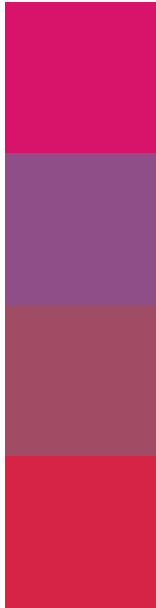
Deuteranopia

47, 11.275, 55.051



Tritanopia
47, 75.432, 33.167

Trichromacy



Original Color
47, 72.516, 3.985

Protanomaly
43, 41.131, 330.621

Deuteranomaly
44, 37.501, 4.056

Tritanomaly
47, 72.287, 22.877

Monochromacy



Original Color
47, 72.516, 3.985

Achromatopsia
37, 0.005, 296.813

Achromatomaly
37, 34.564, 352.343

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 72.643, 3.927 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, 20, 106)` looks like.

```
.text, #text, p{  
    color:rgb(215, 20, 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(215, 20, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 20, 106) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 72.643, 3.927 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, 20, 106) }
```

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

```
.border{ border-color:rgb(215, 20, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 20, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 20, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 20, 106);  
box-shadow:4px 4px 4px 4px rgb(215, 20,  
106) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 72.643, 3.927 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 20, 106) }
```

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

```
.background{ background-color: rgb(215, 20,  
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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