

Converting Colors

CIELCh(47, 71.393, 3.109)

Have a look what the booklet for
CIELCh(47, 71.393, 3.109) contains.

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Color

CIELCh(47, 71.214, 2.990)

Conversions

Conversions Part 1

Format	Color
Hex	D51A6C
RGB	213, 26, 108
RGB Percent	84%, 10%, 42%
CMY	0.1639, 0.8965, 0.5758
CMYK	0.00, 0.88, 0.49, 0.16
HSL	334°, 78%, 47%
HSV	334°, 88%, 84%
XYZ	30.5951, 16.0195, 15.7135
YIQ	91.2610, 85.1300, 65.1460

Conversions

Conversions Part 2

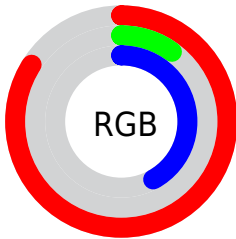
Format	Color
R _Y B	213, 26, 108
Decimal	13965932
CIE Lab	47.00, 71.12, 3.71
CIE LCh	47, 71.214, 2.990
Yxy	16.0195, 0.4909, 0.2570
Android (android.graphics.Color)	4292156012 (0xFFD51A6C)
YUV	91.2610, 8.2523, 106.7651
Hunter-Lab	40.0243, 66.4052, 4.7399

Details

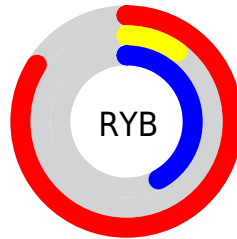
The CIELCh color **47, 71.214, 2.990** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **76, 67.724, 155.042**, and the grayscale version is **39, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 65.253, 358.728**, and **32, 57.549, 10.671** is the 20% darker color. If you saturate the color by 10%, you get **46, 73.354, 7.416**, and if you desaturate by 10%, it is **49, 67.291, 359.434**.

Distribution



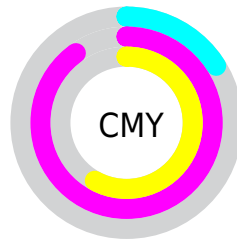
- Red (84%)
- Green (10%)
- Blue (42%)



- Red (84%)
- Yellow (10%)
- Blue (42%)



- Cyan (0%)
- Magenta (88%)
- Yellow (49%)
- Black (16%)



- Cyan (16%)
- Magenta (90%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 47, 71.214, 2.990 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, 71.214, 2.990 by changing the saturation by 10% instead.

 47, 71.214, 2.990  47, 71.214, 2.990

 100, 71.214, 2.990  37, 71.214, 2.990

 67, 71.214, 2.990  27, 71.214, 2.990


 77, 71.214, 2.990  17, 71.214, 2.990

 87, 71.214, 2.990  7, 71.214, 2.990

 97, 71.214, 2.990  0, 71.214, 2.990

 47, 71.214, 2.990  47, 71.214, 2.990

 46, 73.354, 7.416  49, 67.291,
359.434

 46, 73.805, 8.523  52, 61.439,
356.632

56, 53.947,
354.410

60, 45.286,
352.612

65, 35.933,
351.123

70, 26.277,
349.857

75, 16.601,
348.754

81, 7.083, 347.754

87, 2.169, 167.163

Harmonies

Complementary

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



47, 71.214, 2.990



76, 67.724, 155.042

Rectangle

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



47, 71.214, 2.990



47, 71.214, 52.990



47, 71.214, 182.990



47, 71.214, 232.990

Sweetspot

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



47, 71.210, 2.991



83, 28.574, 349.699



38, 102.197, 313.704



42, 19.417, 350.113



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, 71.210, 2.991



54, 84.515, 9.088



46, 82.645, 37.742



42, 5.310, 347.932



36, 62.548, 7.691



5, 22.985, 358.340

Inverse Universe

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



47, 71.210, 2.991



54, 84.515, 9.088



75, 40.326, 203.885



42, 5.310, 347.932



36, 62.548, 7.691



5, 22.985, 358.340

Previews

White Background



This preview shows how the CIELCh color 47, 71.214, 2.990 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, 71.214, 2.990 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

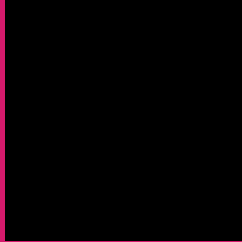
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 47, 71.214, 2.990

Background



This preview shows how black text looks on a background with the CIELCh color 47, 71.214, 2.990.



This preview shows how white text looks on a background with the CIELCh color 47, 71.214, 2.990.

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, 71.214, 2.990

Protanopia

47, 24.965, 284.914

Deuteranopia

47, 9.870, 48.594



Tritanopia
47, 73.301, 32.546

Trichromacy



Original Color
47, 71.214, 2.990

Protanomaly
43, 40.363, 328.611

Deuteranomaly
44, 36.395, 2.031

Tritanomaly
47, 70.308, 21.870

Monochromacy



Original Color
47, 71.214, 2.990

Achromatopsia
39, 0.006, 296.813

Achromatomaly
38, 32.987, 352.498

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 71.214, 2.990 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(213, 26, 108)` looks like.

```
.text, #text, p{  
    color:rgb(213, 26, 108)  
}
```

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(213, 26, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 26, 108) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 71.214, 2.990 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(213, 26, 108) }
```

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

```
.border{ border-color:rgb(213, 26, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 26, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 26, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 26, 108);  
box-shadow:4px 4px 4px 4px rgb(213, 26,  
108) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 71.214, 2.990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 26, 108) }
```

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

```
.background{ background-color: rgb(213, 26,  
108) }
```

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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