

Converting Colors

CIELCh(47, 75.108, 0.957)

Have a look what the booklet for
CIELCh(47, 75.108, 0.957) contains.

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Color

CIELCh(47, 75.008, 1.023)

Conversions

Conversions Part 1

Format	Color
Hex	D90370
RGB	217, 3, 112
RGB Percent	85%, 1%, 44%
CMY	0.1481, 0.9890, 0.5601
CMYK	0.00, 0.99, 0.48, 0.15
HSL	329°, 97%, 43%
HSV	329°, 99%, 85%
XYZ	31.6459, 16.0195, 16.8052
YIQ	79.4120, 92.5550, 79.2670

Conversions

Conversions Part 2

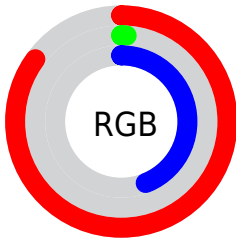
Format	Color
RYB	217, 3, 112
Decimal	14222192
CIELab	47.00, 75.00, 1.34
CIELCh	47, 75.008, 1.023
Yxy	16.0195, 0.4909, 0.2485
Android (android.graphics.Color)	4292412272 (0xFFD90370)
YUV	79.4120, 16.0659, 120.6647
Hunter-Lab	40.0243, 71.0916, 3.1226

Details

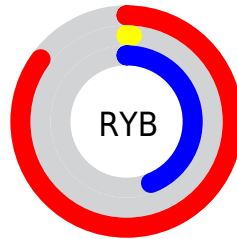
The CIELCh color **47, 75.008, 1.023** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **77, 79.547, 148.657**, and the grayscale version is **34, 0.005, 296.813**.

A 20% lighter version of the original color is **63, 67.838, 356.055**, and **33, 58.269, 9.034** is the 20% darker color. If you saturate the color by 10%, you get **47, 75.147, 1.536**, and if you desaturate by 10%, it is **48, 73.656, 357.228**.

Distribution



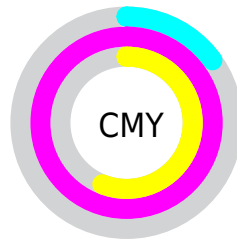
- Red (85%)
- Green (1%)
- Blue (44%)



- Red (85%)
- Yellow (1%)
- Blue (44%)



- Cyan (0%)
- Magenta (99%)
- Yellow (48%)
- Black (15%)



- Cyan (15%)
- Magenta (99%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 47, 75.008, 1.023 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, 75.008, 1.023 by changing the saturation by 10% instead.


 47, 75.008, 1.023  47, 75.008, 1.023

 100, 75.008, 1.023  37, 75.008, 1.023



 67, 75.008, 1.023  27, 75.008, 1.023


 77, 75.008, 1.023  17, 75.008, 1.023

 87, 75.008, 1.023  7, 75.008, 1.023

 97, 75.008, 1.023  0, 75.008, 1.023

 47, 75.008, 1.023  47, 75.008, 1.023

 47, 75.147, 1.536  48, 73.656,
357.228

 50, 70.347,
354.168

■ 53, 64.846,
351.750

■ 56, 57.458,
349.813

■ 61, 48.683,
348.224

■ 66, 39.036,
346.888

■ 71, 28.952,
345.733

■ 76, 18.747,
344.713

■ 82, 8.636, 343.781

Harmonies

Complementary

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



47, 75.008, 1.023



77, 79.547, 148.657

Rectangle

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



47, 75.008, 1.023



47, 75.008, 51.023



47, 75.008, 181.023



47, 75.008, 231.023

Sweetspot

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



47, 75.004, 1.024



81, 34.470, 345.904



34, 110.517, 311.475



40, 23.528, 346.385



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, 75.004, 1.024



55, 84.753, 1.962



45, 91.264, 39.140



43, 5.676, 343.848



37, 63.608, 0.830



6, 25.173, 353.807

Inverse Universe

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



47, 75.004, 1.024



55, 84.753, 1.962



79, 44.886, 193.867



43, 5.676, 343.848



37, 63.608, 0.830



6, 25.173, 353.807

Previews

White Background



This preview shows how the CIELCh color 47, 75.008, 1.023 looks on a white background.

Color Contrast Check

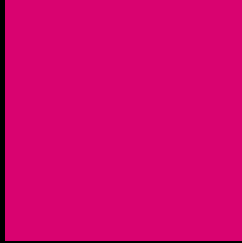
Large Text (above 18pt) WCAG AA ✓ Pass

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, 75.008, 1.023 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, 75.008, 1.023

Background



This preview shows how black text looks on a background with the CIELCh color 47, 75.008, 1.023.

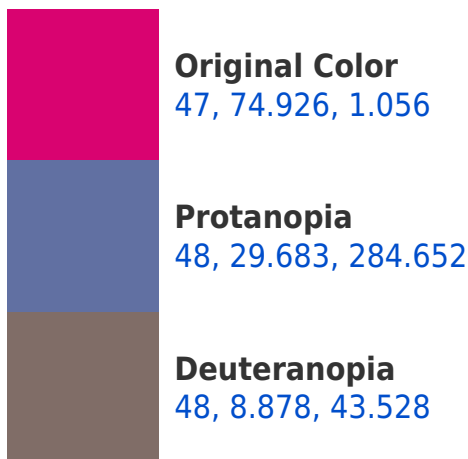


This preview shows how white text looks on a background with the CIELCh color 47, 75.008, 1.023.

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, 76.470, 33.610

Trichromacy



Original Color
47, 74.926, 1.056



Protanomaly
42, 48.616, 325.725



Deuteranomaly
43, 41.301, 356.530



Tritanomaly
47, 73.771, 21.927

Monochromacy



Original Color
47, 74.926, 1.056



Achromatopsia
34, 0.005, 296.813



Achromatomaly
34, 38.808, 349.526

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 75.008, 1.023 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(217, 3, 112)` looks like.

```
.text, #text, p{  
    color:rgb(217, 3, 112)  
}
```

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(217, 3, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 3, 112) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 75.008, 1.023 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(217, 3, 112) }
```

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

```
.border{ border-color:rgb(217, 3, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 3, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 3, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 3, 112);  
box-shadow:4px 4px 4px 4px rgb(217, 3,  
112) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 75.008, 1.023 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 3, 112) }
```

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

```
.background{ background-color: rgb(217, 3,  
112) }
```

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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