

Converting Colors

CIELCh(47, 62.014, 3.292)

Have a look what the booklet for
CIELCh(47, 62.014, 3.292) contains.

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Color

CIELCh(47, 61.975, 3.411)

Conversions

Conversions Part 1

Format	Color
Hex	CA346C
RGB	202, 52, 108
RGB Percent	79%, 20%, 42%
CMY	0.2090, 0.7973, 0.5774
CMYK	0.00, 0.74, 0.47, 0.21
HSL	338°, 59%, 50%
HSV	338°, 74%, 79%
XYZ	28.1833, 16.0195, 15.7257
YIQ	103.2340, 71.4240, 49.2160

Conversions

Conversions Part 2

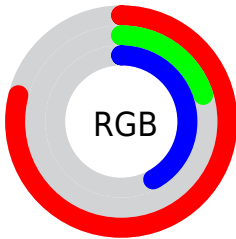
Format	Color
RYB	202, 52, 108
Decimal	13251692
CIELab	47.00, 61.87, 3.69
CIElCh	47, 61.975, 3.411
Yxy	16.0195, 0.4703, 0.2673
Android (android.graphics.Color)	4291441772 (0xFFCA346C)
YUV	103.2340, 2.3496, 86.6178
Hunter-Lab	40.0243, 55.6489, 4.7217

Details

The CIELCh color **47, 61.975, 3.411** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **73, 54.448, 161.685**, and the grayscale version is **44, 0.006, 296.813**.

A 20% lighter version of the original color is **66, 59.236, 1.776**, and **30, 54.609, 7.640** is the 20% darker color. If you saturate the color by 10%, you get **45, 66.817, 7.103**, and if you desaturate by 10%, it is **50, 55.543, 0.504**.

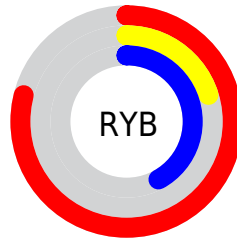
Distribution



Red (79%)

Green (20%)

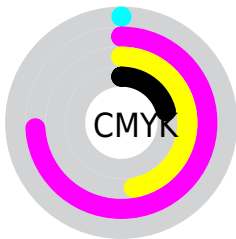
Blue (42%)



Red (79%)

Yellow (20%)

Blue (42%)

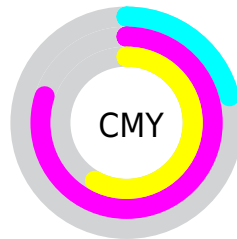


Cyan (0%)

Magenta (74%)

Yellow (47%)

Black (21%)



Cyan (21%)

Magenta (80%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 47, 61.975, 3.411 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, 61.975, 3.411 by changing the saturation by 10% instead.

 47, 61.975, 3.411  47, 61.975, 3.411

 100, 61.975, 3.411  37, 61.975, 3.411

 67, 61.975, 3.411  27, 61.975, 3.411


 77, 61.975, 3.411  17, 61.975, 3.411

 87, 61.975, 3.411  7, 61.975, 3.411

 97, 61.975, 3.411  0, 61.975, 3.411

 47, 61.975, 3.411  47, 61.975, 3.411

 45, 66.817, 7.103  50, 55.543, 0.504

 43, 70.063, 11.713  54, 47.853,
358.199

 43, 71.558, 14.564

■ 58, 39.337,
356.340

■ 63, 30.400,
354.806

■ 68, 21.356,
353.509

■ 73, 12.418,
352.384

■ 79, 3.718, 351.327

■ 84, 4.677, 170.683

■ 90, 12.739,
169.846

Harmonies

Complementary

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



47, 61.975, 3.411



73, 54.448, 161.685

Rectangle

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



47, 61.975, 3.411



47, 61.975, 53.411



47, 61.975, 183.411



47, 61.975, 233.411

Sweetspot

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



47, 61.972, 3.413



86, 23.256, 353.264



42, 87.115, 315.778



44, 15.679, 353.591



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, 61.972, 3.413



55, 82.204, 9.685



48, 64.620, 37.007



40, 4.906, 351.866



35, 61.707, 13.722



4, 18.924, 1.012

Inverse Universe

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



47, 61.972, 3.413



55, 82.204, 9.685



69, 34.625, 213.284



40, 4.906, 351.866



35, 61.707, 13.722



4, 18.924, 1.012

Previews

White Background



This preview shows how the CIELCh color 47, 61.975, 3.411 looks on a white background.

Color Contrast Check

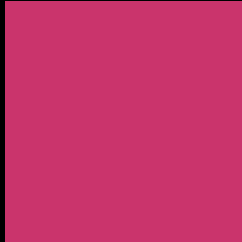
Large Text (above 18pt) WCAG AA ✓ Pass

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, 61.975, 3.411 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

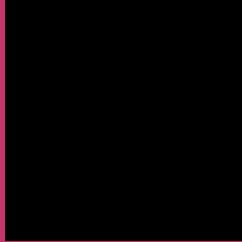
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 47, 61.975, 3.411

Background



This preview shows how black text looks on a background with the CIELCh color 47, 61.975, 3.411.

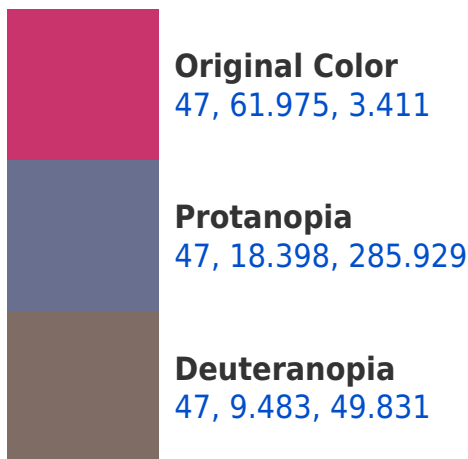


This preview shows how white text looks on a background with the CIELCh color 47, 61.975, 3.411.

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, 61.784, 28.567

Trichromacy



Original Color
47, 61.975, 3.411

Protanomaly
45, 31.148, 332.671

Deuteranomaly
45, 29.241, 6.497

Tritanomaly
47, 60.417, 19.161

Monochromacy



Original Color
47, 61.975, 3.411

Achromatopsia
44, 0.006, 296.813

Achromatomaly
43, 25.971, 354.855

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 61.975, 3.411 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(202, 52, 108)` looks like.

```
.text, #text, p{  
    color:rgb(202, 52, 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(202, 52, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 52, 108) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 61.975, 3.411 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(202, 52, 108) }
```

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

```
.border{ border-color:rgb(202, 52, 108) }
```

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

Here you see how a box with a 4 pixel rgb(202, 52, 108) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 52, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 52, 108);  
box-shadow:4px 4px 4px 4px rgb(202, 52,  
108) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 61.975, 3.411 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 52, 108) }
```

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

```
.background{ background-color: rgb(202, 52,  
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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