

Converting Colors

CIELCh(47, 61.762, 9.291)

Have a look what the booklet for
CIELCh(47, 61.762, 9.291) contains.

CIELCh(47, 61.769, 9.230)	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, 61.769, 9.230)

Conversions

Conversions Part 1

Format	Color
Hex	CB3562
RGB	203, 53, 98
RGB Percent	80%, 21%, 38%
CMY	0.2056, 0.7938, 0.6170
CMYK	0.00, 0.74, 0.52, 0.21
HSL	342°, 59%, 50%
HSV	342°, 74%, 79%
XYZ	27.9567, 16.0195, 13.0916
YIQ	102.9800, 74.9550, 45.7950

Conversions

Conversions Part 2

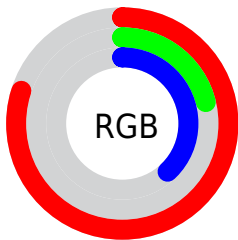
Format	Color
R_{YB}	203, 53, 98
Decimal	13317474
CIE _{Lab}	47.00, 60.97, 9.91
CIE _{LCh}	47, 61.769, 9.230
Yxy	16.0195, 0.4899, 0.2807
Android (android.graphics.Color)	4291507554 (0xFFCB3562)
YUV	102.9800, -2.4551, 87.7175
Hunter-Lab	40.0243, 54.6383, 8.6237

Details

The CIELCh color **47, 61.769, 9.230** 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, 50.544, 166.822**, and the grayscale version is **43, 0.006, 296.813**.

A 20% lighter version of the original color is **66, 58.157, 7.850**, and **30, 55.408, 13.943** is the 20% darker color. If you saturate the color by 10%, you get **45, 67.351, 13.285**, and if you desaturate by 10%, it is **50, 54.843, 6.020**.

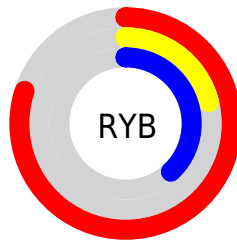
Distribution



Red (80%)

Green (21%)

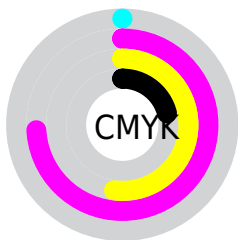
Blue (38%)



Red (80%)

Yellow (21%)

Blue (38%)

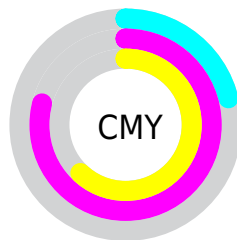


Cyan (0%)

Magenta (74%)

Yellow (52%)

Black (21%)



Cyan (21%)

Magenta (79%)

Yellow (62%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 47, 61.769, 9.230 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, 61.769, 9.230 by changing the saturation by 10% instead.

 47, 61.769, 9.230  47, 61.769, 9.230

 100, 61.769, 9.230  37, 61.769, 9.230

 67, 61.769, 9.230  27, 61.769, 9.230

 77, 61.769, 9.230  17, 61.769, 9.230

 87, 61.769, 9.230  7, 61.769, 9.230

 97, 61.769, 9.230  0, 61.769, 9.230

 47, 61.769, 9.230  47, 61.769, 9.230

 45, 67.351, 13.285  50, 54.843, 6.020

 43, 71.606, 18.259  54, 46.870, 3.483

 43, 73.862, 21.448  58, 38.244, 1.456

63, 29.337,
359.805

68, 20.434,
358.429

74, 11.724,
357.250

79, 3.313, 356.142

85, 4.745, 175.510

91, 12.437,
174.666

Harmonies

Complementary

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



47, 61.769, 9.230



73, 50.544, 166.822

Rectangle

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



47, 61.769, 9.230



47, 61.769, 59.230



47, 61.769, 189.230



47, 61.769, 239.230

Sweetspot

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



47, 61.766, 9.232



86, 22.465, 358.210



44, 86.888, 317.753



44, 15.163, 358.555



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, 61.766, 9.232



55, 83.381, 16.238



50, 62.231, 40.718



40, 4.716, 356.745



35, 63.330, 20.545



4, 18.554, 4.868

Inverse Universe

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



47, 61.766, 9.232



55, 83.381, 16.238



66, 33.645, 224.476



40, 4.716, 356.745



35, 63.330, 20.545



4, 18.554, 4.868

Previews

White Background



This preview shows how the CIELCh color 47, 61.769, 9.230 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, 61.769, 9.230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

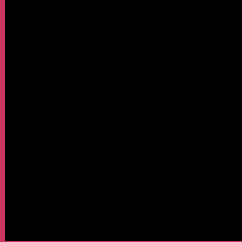
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 47, 61.769, 9.230

Background



This preview shows how black text looks on a background with the CIELCh color 47, 61.769, 9.230.

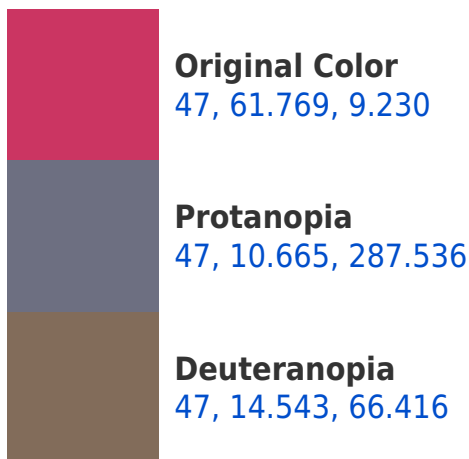


This preview shows how white text looks on a background with the CIELCh color 47, 61.769, 9.230.

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, 63.567, 29.055

Trichromacy



Original Color
47, 61.769, 9.230

Protanomaly
45, 26.892, 345.518

Deuteranomaly
45, 30.069, 18.293

Tritanomaly
47, 62.180, 21.828

Monochromacy



Original Color
47, 61.769, 9.230

Achromatopsia
44, 0.006, 296.813

Achromatomaly
43, 24.675, 0.687

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 61.769, 9.230 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(203, 53, 98)` looks like.

```
.text, #text, p{  
    color:rgb(203, 53, 98)  
}
```

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(203, 53, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 53, 98) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 61.769, 9.230 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(203, 53, 98) }
```

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

```
.border{ border-color:rgb(203, 53, 98) }
```

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

Here you see how a box with a 4 pixel rgb(203, 53, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 53, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 53, 98);  
box-shadow:4px 4px 4px 4px rgb(203, 53,  
98) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 61.769, 9.230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 53, 98) }
```

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

```
.background{ background-color: rgb(203, 53,  
98) }
```

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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