

Converting Colors

CIELCh(47, 58.204, 8.708)

Have a look what the booklet for
CIELCh(47, 58.204, 8.708) contains.

CIELCh(47, 58.172, 8.898)	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, 58.172, 8.898)

Conversions

Conversions Part 1

Format	Color
Hex	C63B63
RGB	198, 59, 99
RGB Percent	78%, 23%, 39%
CMY	0.2238, 0.7688, 0.6120
CMYK	0.00, 0.70, 0.50, 0.22
HSL	343°, 55%, 50%
HSV	343°, 70%, 78%
XYZ	27.0838, 16.0195, 13.4570
YIQ	105.1210, 70.0040, 41.9080

Conversions

Conversions Part 2

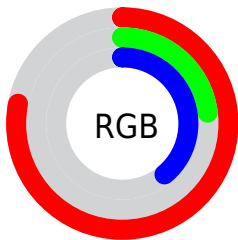
Format	Color
R_{YB}	198, 59, 99
Decimal	12991331
CIE Lab	47.00, 57.47, 9.00
CIE LCh	47, 58.172, 8.898
Yxy	16.0195, 0.4788, 0.2832
Android (android.graphics.Color)	4291181411 (0xFFC63B63)
YUV	105.1210, -3.0177, 81.4549
Hunter-Lab	40.0243, 50.7455, 8.0825

Details

The CIELCh color **47, 58.172, 8.898** 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 **72, 47.271, 168.457**, and the grayscale version is **44, 0.006, 296.813**.

A 20% lighter version of the original color is **66, 56.535, 8.001**, and **29, 53.735, 11.821** is the 20% darker color. If you saturate the color by 10%, you get **44, 64.302, 12.650**, and if you desaturate by 10%, it is **50, 50.852, 5.935**.

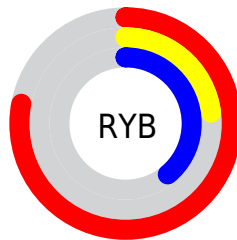
Distribution



Red (78%)

Green (23%)

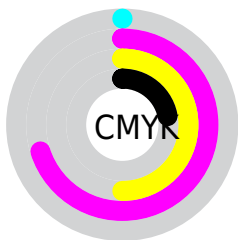
Blue (39%)



Red (78%)

Yellow (23%)

Blue (39%)

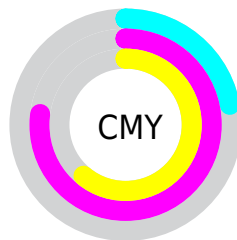


Cyan (0%)

Magenta (70%)

Yellow (50%)

Black (22%)



Cyan (22%)

Magenta (77%)









Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 47, 58.172, 8.898 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, 58.172, 8.898 by changing the saturation by 10% instead.

 47, 58.172, 8.898	 47, 58.172, 8.898
 100, 58.172, 8.898	 37, 58.172, 8.898
 67, 58.172, 8.898	 27, 58.172, 8.898
 77, 58.172, 8.898	 17, 58.172, 8.898
 87, 58.172, 8.898	 7, 58.172, 8.898
 97, 58.172, 8.898	 0, 58.172, 8.898

 47, 58.172, 8.898	 47, 58.172, 8.898
 44, 64.302, 12.650	 50, 50.852, 5.935
 43, 69.131, 17.304	 54, 42.689, 3.587
 42, 73.026, 22.502	 59, 34.065, 1.701

64, 25.308, 0.154

69, 16.655,
358.855

74, 8.251, 357.727

80, 0.177, 354.137

85, 7.536, 176.058

91, 14.885,
175.280

Harmonies

Complementary

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



47, 58.172, 8.898



72, 47.271, 168.457

Rectangle

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



47, 58.172, 8.898



47, 58.172, 58.898



47, 58.172, 188.898



47, 58.172, 238.898

Sweetspot

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



47, 58.169, 8.900



86, 21.290, 358.988



45, 81.895, 318.252



44, 14.482, 359.337



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, 58.169, 8.900



56, 80.950, 14.882



51, 56.772, 41.370



39, 4.589, 357.637



34, 62.966, 21.616



4, 16.470, 4.835

Inverse Universe

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



47, 58.169, 8.900



56, 80.950, 14.882



65, 32.125, 226.465



39, 4.589, 357.637



34, 62.966, 21.616



4, 16.470, 4.835

Previews

White Background



This preview shows how the CIELCh color 47, 58.172, 8.898 looks on a white background.

Color Contrast Check

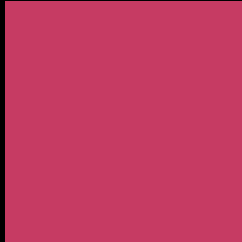
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 47, 58.172, 8.898 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

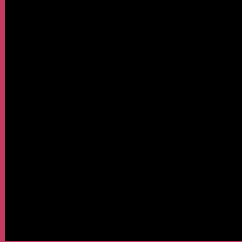
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 47, 58.172, 8.898

Background



This preview shows how black text looks on a background with the CIELCh color 47, 58.172, 8.898.

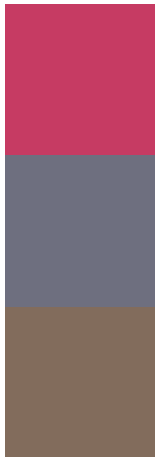


This preview shows how white text looks on a background with the CIELCh color 47, 58.172, 8.898.

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, 58.172, 8.898

Protanopia

47, 9.471, 289.140

Deuteranopia

47, 13.651, 63.400



Tritanopia
47, 58.872, 27.312

Trichromacy



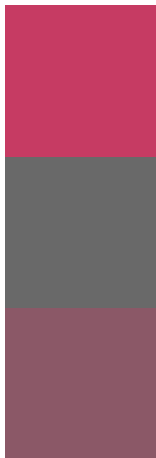
Original Color
47, 58.172, 8.898

Protanomaly
45, 24.986, 346.918

Deuteranomaly
46, 28.642, 17.739

Tritanomaly
47, 57.910, 20.758

Monochromacy



Original Color
47, 58.172, 8.898

Achromatopsia
44, 0.006, 296.813

Achromatomaly
43, 23.240, 0.512

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 58.172, 8.898 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(198, 59, 99)` looks like.

```
.text, #text, p{  
    color:rgb(198, 59, 99)  
}
```

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(198, 59, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 59, 99) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 58.172, 8.898 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(198, 59, 99) }
```

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

```
.border{ border-color:rgb(198, 59, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 59, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 59, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 59, 99);  
box-shadow:4px 4px 4px 4px rgb(198, 59,  
99) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 58.172, 8.898 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 59, 99) }
```

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

```
.background{ background-color: rgb(198, 59,  
99) }
```

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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