

Converting Colors

CIELCh(49, 38.389, 8.727)

Have a look what the booklet for
CIELCh(49, 38.389, 8.727) contains.

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Color

CIELCh(49, 38.203, 8.804)

Conversions

Conversions Part 1

Format	Color
Hex	B1596C
RGB	177, 89, 108
RGB Percent	69%, 35%, 42%
CMY	0.3056, 0.6507, 0.5762
CMYK	0.00, 0.50, 0.39, 0.31
HSL	347°, 36%, 52%
HSV	347°, 50%, 69%
XYZ	24.4345, 17.5941, 16.3122
YIQ	117.4780, 46.3490, 24.5650

Conversions

Conversions Part 2

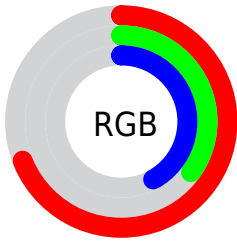
Format	Color
R_{YB}	177, 89, 108
Decimal	11622764
CIE Lab	49.00, 37.75, 5.85
CIE LCh	49, 38.203, 8.804
Yxy	17.5941, 0.4188, 0.3016
Android (android.graphics.Color)	4289812844 (0xFFB1596C)
YUV	117.4780, -4.6727, 52.2008
Hunter-Lab	41.9453, 30.5779, 6.3043

Details

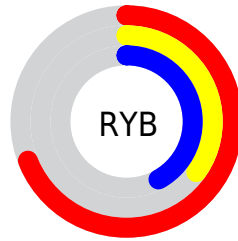
The CIELCh color **49, 38.203, 8.804** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **67, 31.219, 177.077**, and the grayscale version is **49, 0.007, 296.813**.

A 20% lighter version of the original color is **69, 38.227, 8.895**, and **29, 37.975, 8.803** is the 20% darker color. If you saturate the color by 10%, you get **45, 45.966, 11.222**, and if you desaturate by 10%, it is **53, 30.193, 6.877**.

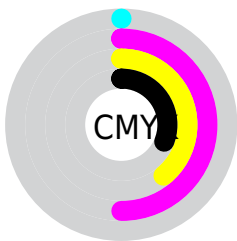
Distribution



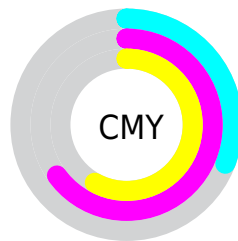
- Red (69%)
- Green (35%)
- Blue (42%)



- Red (69%)
- Yellow (35%)
- Blue (42%)



- Cyan (0%)
- Magenta (50%)
- Yellow (39%)
- Black (31%)























- Cyan (31%)
- Magenta (65%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 49, 38.203, 8.804 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 49, 38.203, 8.804 by changing the saturation by 10% instead.

 49, 38.203, 8.804	 49, 38.203, 8.804
 100, 38.203, 8.804	 39, 38.203, 8.804
 69, 38.203, 8.804	 29, 38.203, 8.804
 79, 38.203, 8.804	 19, 38.203, 8.804
 89, 38.203, 8.804	 9, 38.203, 8.804
 99, 38.203, 8.804	 0, 38.203, 8.804

 49, 38.203, 8.804	 49, 38.203, 8.804
 45, 45.966, 11.222	 53, 30.193, 6.877
 42, 53.177, 14.273	 58, 22.204, 5.310
 40, 59.551, 18.104	 62, 14.413, 4.010

■ 38, 64.960, 22.773

■ 67, 6.926, 2.890

■ 37, 69.710, 27.908

■ 72, 0.205, 184.276

■ 37, 69.858, 28.052

■ 77, 6.969, 181.286

■ 83, 13.373,
180.544

■ 88, 19.441,
179.900

■ 93, 25.200,
179.326

Harmonies

Complementary

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



49, 38.203, 8.804



67, 31.219, 177.077

Rectangle

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



49, 38.203, 8.804



49, 38.203, 58.804



49, 38.203, 188.804



49, 38.203, 238.804

Sweetspot

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



49, 38.201, 8.806



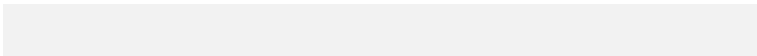
82, 13.408, 3.496



49, 55.535, 320.378



42, 9.184, 3.729



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



49, 38.201, 8.806



58, 57.011, 11.586



54, 32.690, 47.468



35, 4.067, 2.850



32, 62.374, 27.344



2, 9.450, 5.822

Inverse Universe

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



49, 38.201, 8.806



58, 57.011, 11.586



60, 23.442, 235.339



35, 4.067, 2.850



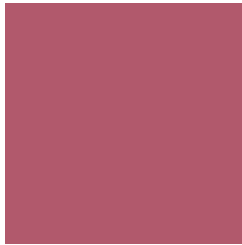
32, 62.374, 27.344



2, 9.450, 5.822

Previews

White Background



This preview shows how the CIELCh color 49, 38.203, 8.804 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 49, 38.203, 8.804 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

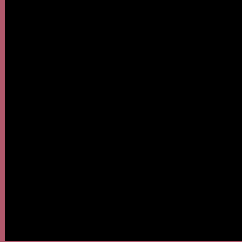
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 49, 38.203, 8.804

Background



This preview shows how black text looks on a background with the CIELCh color 49, 38.203, 8.804.



This preview shows how white text looks on a background with the CIELCh color 49, 38.203, 8.804.

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
49, 37.227, 19.507

Trichromacy



Original Color
49, 38.203, 8.804

Protanomaly
48, 15.251, 354.017

Deuteranomaly
49, 19.401, 20.146

Tritanomaly
49, 37.383, 15.311

Monochromacy



Original Color
49, 38.203, 8.804

Achromatopsia
50, 0.007, 296.813

Achromatomaly
49, 13.926, 4.143

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 49, 38.203, 8.804 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(177, 89, 108)` looks like.

```
.text, #text, p{  
    color:rgb(177, 89, 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(177, 89, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 89, 108) }
```

Border

The CSS property to change the border of an element to CIELCh 49, 38.203, 8.804 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(177, 89, 108) }
```

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

```
.border{ border-color:rgb(177, 89, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 89, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 89, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 89, 108);  
box-shadow:4px 4px 4px 4px rgb(177, 89,  
108) }
```

Background

The CSS property to change the background color of an element to CIELCh 49, 38.203, 8.804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 89, 108) }
```

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

```
.background{ background-color: rgb(177, 89,  
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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