

Converting Colors

CIELCh(49, 38.593, 11.487)

Have a look what the booklet for
CIELCh(49, 38.593, 11.487) contains.

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Color

CIELCh(49, 38.561, 11.620)

Conversions

Conversions Part 1

Format	Color
Hex	B25969
RGB	178, 89, 105
RGB Percent	70%, 35%, 41%
CMY	0.3025, 0.6514, 0.5887
CMYK	0.00, 0.50, 0.41, 0.30
HSL	349°, 37%, 52%
HSV	349°, 50%, 70%
XYZ	24.4386, 17.5941, 15.4436
YIQ	117.4350, 47.9080, 23.8440

Conversions

Conversions Part 2

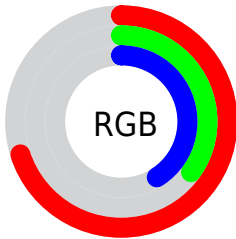
Format	Color
R_{YB}	178, 89, 105
Decimal	11688297
CIE _{Lab}	49.00, 37.77, 7.77
CIE _{LCh}	49, 38.561, 11.620
Yxy	17.5941, 0.4252, 0.3061
Android (android.graphics.Color)	4289878377 (0xFFB25969)
YUV	117.4350, -6.1305, 53.1155
Hunter-Lab	41.9453, 30.5954, 7.5321

Details

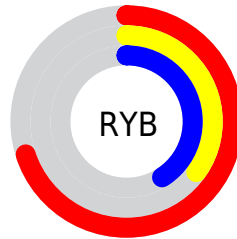
The CIELCh color **49, 38.561, 11.620** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **67, 30.666, 180.039**, and the grayscale version is **49, 0.007, 296.813**.

A 20% lighter version of the original color is **69, 38.528, 11.494**, and **29, 38.419, 11.989** is the 20% darker color. If you saturate the color by 10%, you get **45, 46.511, 14.096**, and if you desaturate by 10%, it is **53, 30.431, 9.657**.

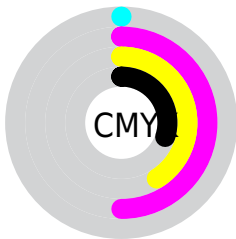
Distribution



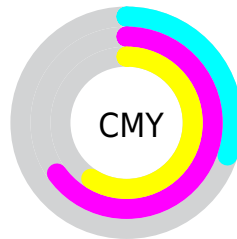
- Red (70%)
- Green (35%)
- Blue (41%)



- Red (70%)
- Yellow (35%)
- Blue (41%)



- Cyan (0%)
- Magenta (50%)
- Yellow (41%)
- Black (30%)



- Cyan (30%)
- Magenta (65%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 49, 38.561, 11.620 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, 38.561, 11.620 by changing the saturation by 10% instead.

■ 49, 38.561, 11.620

■ 49, 38.561, 11.620

■ 100, 38.561,
11.620

■ 39, 38.561, 11.620

■ 69, 38.561, 11.620

■ 29, 38.561, 11.620

■ 79, 38.561, 11.620

■ 19, 38.561, 11.620

■ 89, 38.561, 11.620

■ 9, 38.561, 11.620

■ 99, 38.561, 11.620

■ 0, 38.561, 11.620

■ 49, 38.561, 11.620

■ 49, 38.561, 11.620

■ 45, 46.511, 14.096

■ 53, 30.431, 9.657

■ 42, 53.988, 17.223

■ 58, 22.378, 8.072

40, 60.720, 21.126

63, 14.569, 6.768

38, 66.571, 25.811

67, 7.102, 5.656

37, 71.768, 30.770

73, 0.022, 342.274

78, 6.670, 184.092

83, 12.983,
183.370

88, 18.945,
182.750

93, 24.587,
182.202

Harmonies

Complementary

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



49, 38.561, 11.620



67, 30.666, 180.039

Rectangle

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



49, 38.561, 11.620



49, 38.561, 61.620



49, 38.561, 191.620



49, 38.561, 241.620

Sweetspot

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



49, 38.559, 11.623



83, 13.379, 6.220



49, 56.359, 321.422



43, 9.252, 6.455



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



49, 38.559, 11.623



58, 57.709, 14.382



55, 32.685, 50.705



35, 4.016, 5.582



31, 63.817, 30.073



2, 9.365, 8.019

Inverse Universe

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



49, 38.559, 11.623



58, 57.709, 14.382



59, 23.917, 240.427



35, 4.016, 5.582



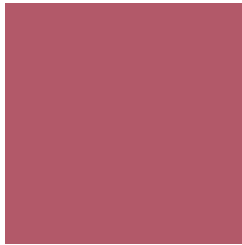
31, 63.817, 30.073



2, 9.365, 8.019

Previews

White Background



This preview shows how the CIELCh color 49, 38.561, 11.620 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, 38.561, 11.620 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

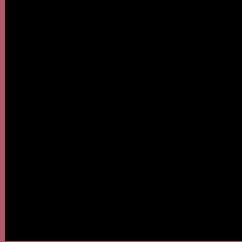
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 49, 38.561, 11.620

Background



This preview shows how black text looks on a background with the CIELCh color 49, 38.561, 11.620.



This preview shows how white text looks on a background with the CIELCh color 49, 38.561, 11.620.

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

49, 38.561, 11.620

Protanopia

49, 2.495, 309.174

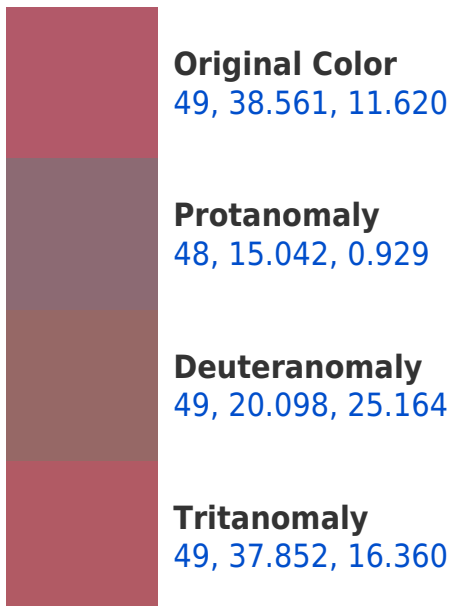
Deuteranopia

49, 11.541, 57.332

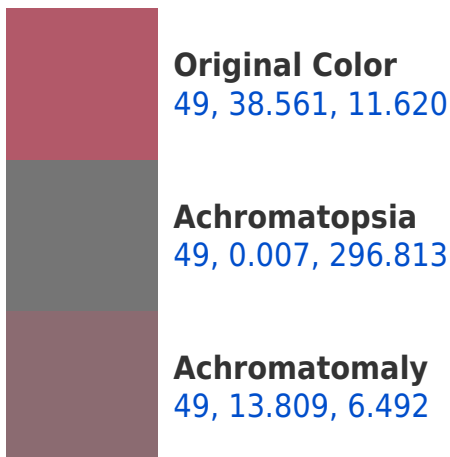


Tritanopia
49, 38.061, 18.953

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 49, 38.561, 11.620 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(178, 89, 105)` looks like.

```
.text, #text, p{  
    color:rgb(178, 89, 105)  
}
```

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(178, 89, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 89, 105) }
```

Border

The CSS property to change the border of an element to CIELCh 49, 38.561, 11.620 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(178, 89, 105) }
```

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

```
.border{ border-color:rgb(178, 89, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 89, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(178, 89, 105); -webkit-box-shadow:4px 4px 4px 4px rgb(178, 89, 105); box-shadow:4px 4px 4px 4px rgb(178, 89, 105) }
```

Background

The CSS property to change the background color of an element to CIELCh 49, 38.561, 11.620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 89, 105) }
```

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

```
.background{ background-color: rgb(178, 89,  
105) }
```

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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