

Converting Colors

CIELCh(49, 45.778, 14.408)

Have a look what the booklet for
CIELCh(49, 45.778, 14.408) contains.

CIELCh(49, 45.756, 14.672)	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(49, 45.756, 14.672)

Conversions

Conversions Part 1

Format	Color
Hex	BC5263
RGB	188, 82, 99
RGB Percent	74%, 32%, 39%
CMY	0.2632, 0.6788, 0.6121
CMYK	0.00, 0.56, 0.47, 0.26
HSL	350°, 44%, 53%
HSV	350°, 56%, 74%
XYZ	25.9667, 17.5941, 13.8072
YIQ	115.6320, 57.7190, 27.7590

Conversions

Conversions Part 2

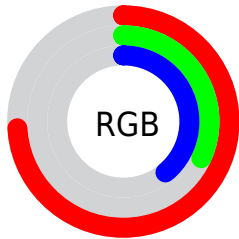
Format	Color
R_{YB}	188, 82, 99
Decimal	12341859
CIE _{Lab}	49.00, 44.26, 11.59
CIE _{LCh}	49, 45.756, 14.672
Yxy	17.5941, 0.4526, 0.3067
Android (android.graphics.Color)	4290531939 (0xFFBC5263)
YUV	115.6320, -8.1996, 63.4667
Hunter-Lab	41.9453, 37.0983, 9.8452

Details

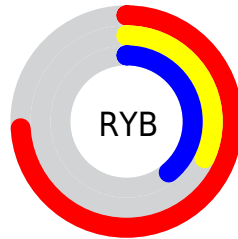
The CIELCh color **49, 45.756, 14.672** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **70, 34.658, 181.002**, and the grayscale version is **49, 0.007, 296.813**.

A 20% lighter version of the original color is **69, 45.868, 14.464**, and **29, 45.618, 14.394** is the 20% darker color. If you saturate the color by 10%, you get **45, 53.916, 17.590**, and if you desaturate by 10%, it is **53, 37.251, 12.372**.

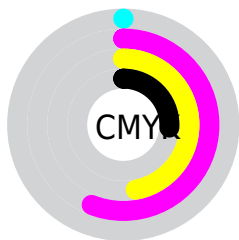
Distribution



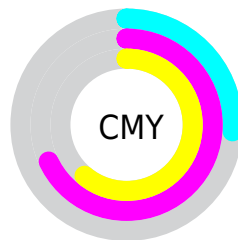
- Red (74%)
- Green (32%)
- Blue (39%)



- Red (74%)
- Yellow (32%)
- Blue (39%)



- Cyan (0%)
- Magenta (56%)
- Yellow (47%)
- Black (26%)



- Cyan (26%)
- Magenta (68%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 49, 45.756, 14.672 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, 45.756, 14.672 by changing the saturation by 10% instead.

■ 49, 45.756, 14.672

■ 49, 45.756, 14.672

■ 100, 45.756,
14.672

■ 39, 45.756, 14.672

■ 69, 45.756, 14.672

■ 29, 45.756, 14.672

■ 79, 45.756, 14.672

■ 19, 45.756, 14.672

■ 89, 45.756, 14.672

■ 9, 45.756, 14.672

■ 99, 45.756, 14.672

■ 0, 45.756, 14.672

■ 49, 45.756, 14.672

■ 49, 45.756, 14.672

■ 45, 53.916, 17.590

■ 53, 37.251, 12.372

■ 43, 61.436, 21.249

■ 58, 28.705, 10.542

41, 68.106, 25.689

63, 20.342, 9.064

39, 73.878, 30.670

68, 12.306, 7.844

39, 75.880, 32.330

73, 4.672, 6.773

78, 2.537, 186.224

83, 9.326, 185.348

89, 15.721,
184.686

94, 21.752,
184.112

Harmonies

Complementary

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



49, 45.756, 14.672



70, 34.658, 181.002

Rectangle

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



49, 45.756, 14.672



49, 45.756, 64.672



49, 45.756, 194.672



49, 45.756, 244.672

Sweetspot

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



49, 45.753, 14.674



85, 15.846, 7.942



50, 65.867, 322.141



44, 10.654, 8.173



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



49, 45.753, 14.674



58, 68.341, 18.503



56, 39.263, 52.065



37, 4.181, 7.086



33, 66.304, 31.595



3, 12.437, 10.247

Inverse Universe

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



49, 45.753, 14.674



58, 68.341, 18.503



60, 27.763, 244.568



37, 4.181, 7.086



33, 66.304, 31.595



3, 12.437, 10.247

Previews

White Background



This preview shows how the CIELCh color 49, 45.756, 14.672 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 49, 45.756, 14.672 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, 45.756, 14.672

Background



This preview shows how black text looks on a background with the CIELCh color 49, 45.756, 14.672.



This preview shows how white text looks on a background with the CIELCh color 49, 45.756, 14.672.

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, 45.756, 14.672

Protanopia

49, 1.356, 353.675

Deuteranopia

49, 15.069, 64.049



Tritanopia
49, 45.523, 22.702

Trichromacy



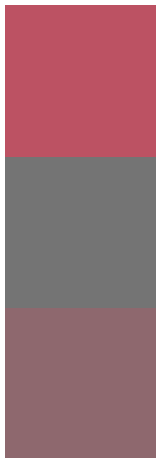
Original Color
49, 45.756, 14.672

Protanomaly
48, 17.232, 9.969

Deuteranomaly
48, 24.230, 29.186

Tritanomaly
49, 45.410, 19.327

Monochromacy



Original Color
49, 45.756, 14.672

Achromatopsia
49, 0.007, 296.813

Achromatomaly
48, 16.388, 9.226

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 49, 45.756, 14.672 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(188, 82, 99)` looks like.

```
.text, #text, p{  
    color:rgb(188, 82, 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(188, 82, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 82, 99) }
```

Border

The CSS property to change the border of an element to CIELCh 49, 45.756, 14.672 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(188, 82, 99) }
```

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

```
.border{ border-color:rgb(188, 82, 99) }
```

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

Here you see how a box with a 4 pixel rgb(188, 82, 99) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 82, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 82, 99);  
box-shadow:4px 4px 4px 4px rgb(188, 82,  
99) }
```

Background

The CSS property to change the background color of an element to CIELCh 49, 45.756, 14.672 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 82, 99) }
```

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

```
.background{ background-color: rgb(188, 82,  
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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