

Converting Colors

CIELCh(50, 43.921, 9.912)

Have a look what the booklet for
CIELCh(50, 43.921, 9.912) contains.

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Color

CIELCh(50, 43.877, 9.905)

Conversions

Conversions Part 1

Format	Color
Hex	BC566C
RGB	188, 86, 108
RGB Percent	74%, 34%, 42%
CMY	0.2629, 0.6629, 0.5766
CMYK	0.00, 0.54, 0.43, 0.26
HSL	347°, 43%, 54%
HSV	347°, 54%, 74%
XYZ	26.7597, 18.4187, 16.3231
YIQ	119.0060, 53.7300, 28.4660

Conversions

Conversions Part 2

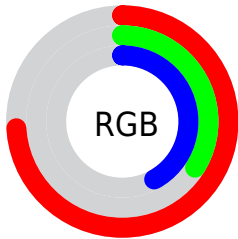
Format	Color
R_{YB}	188, 86, 108
Decimal	12342892
CIE _{Lab}	50.00, 43.22, 7.55
CIE _{LCh}	50, 43.877, 9.905
Yxy	18.4187, 0.4351, 0.2995
Android (android.graphics.Color)	4290532972 (0xFFBC566C)
YUV	119.0060, -5.4260, 60.5077
Hunter-Lab	42.9170, 36.1940, 7.4914

Details

The CIELCh color **50, 43.877, 9.905** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **70, 35.138, 176.505**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **70, 43.737, 10.101**, and **30, 43.992, 9.802** is the 20% darker color. If you saturate the color by 10%, you get **46, 51.789, 12.621**, and if you desaturate by 10%, it is **54, 35.550, 7.754**.

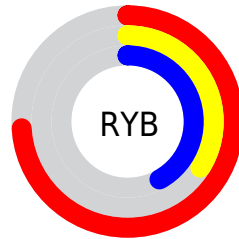
Distribution



Red (74%)

Green (34%)

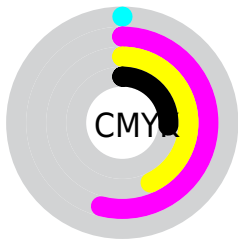
Blue (42%)



Red (74%)

Yellow (34%)

Blue (42%)

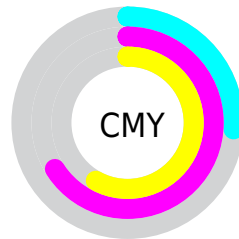


Cyan (0%)

Magenta (54%)

Yellow (43%)

Black (26%)



Cyan (26%)

Magenta (66%)









Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 50, 43.877, 9.905 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 50, 43.877, 9.905 by changing the saturation by 10% instead.

 50, 43.877, 9.905	 50, 43.877, 9.905
 100, 43.877, 9.905	 40, 43.877, 9.905
 70, 43.877, 9.905	 30, 43.877, 9.905
 80, 43.877, 9.905	 20, 43.877, 9.905
 90, 43.877, 9.905	 10, 43.877, 9.905
	 0, 43.877, 9.905

 50, 43.877, 9.905	 50, 43.877, 9.905
 46, 51.789, 12.621	 54, 35.550, 7.754
 43, 58.964, 16.051	 59, 27.125, 6.022
 41, 65.163, 20.314	 64, 18.830, 4.601

40, 70.369, 25.373

69, 10.813, 3.404

39, 73.189, 28.326

74, 3.152, 2.295

79, 4.124, 181.702

85, 11.015,
180.874

90, 17.540,
180.189

95, 23.658,
179.713

Harmonies

Complementary

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



50, 43.877, 9.905



70, 35.138, 176.505

Rectangle

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



50, 43.877, 9.905



50, 43.877, 59.905



50, 43.877, 189.905



50, 43.877, 239.905

Sweetspot

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



50, 43.874, 9.907



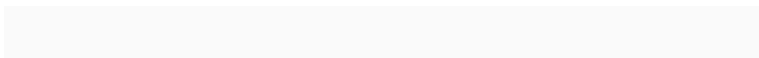
86, 15.109, 3.629



50, 63.253, 320.527



44, 10.247, 3.868



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



50, 43.874, 9.907



59, 64.808, 13.183



56, 38.152, 47.422



37, 4.259, 2.870



33, 63.984, 27.525



3, 12.572, 7.184

Inverse Universe

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



50, 43.874, 9.907



59, 64.808, 13.183



62, 26.316, 236.357



37, 4.259, 2.870



33, 63.984, 27.525



3, 12.572, 7.184

Previews

White Background



This preview shows how the CIELCh color 50, 43.877, 9.905 looks on a white background.

Color Contrast Check

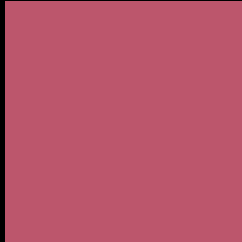
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIE LCh color 50, 43.877, 9.905 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

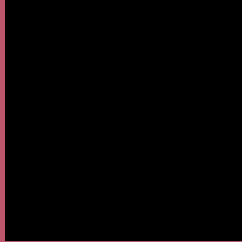
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 50, 43.877, 9.905

Background



This preview shows how black text looks on a background with the CIELCh color 50, 43.877, 9.905.



This preview shows how white text looks on a background with the CIELCh color 50, 43.877, 9.905.

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

50, 43.877, 9.905

Protanopia

50, 4.121, 296.191

Deuteranopia

50, 11.852, 56.090



Tritanopia
50, 43.304, 20.568

Trichromacy



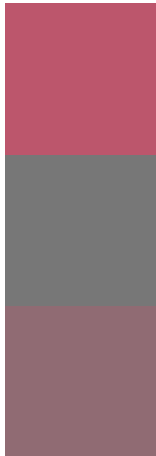
Original Color
50, 43.877, 9.905

Protanomaly
49, 17.102, 357.563

Deuteranomaly
49, 22.491, 20.788

Tritanomaly
50, 43.265, 16.252

Monochromacy



Original Color
50, 43.877, 9.905

Achromatopsia
50, 0.007, 296.813

Achromatomaly
49, 16.081, 4.678

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 50, 43.877, 9.905 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, 86, 108)` looks like.

```
.text, #text, p{  
    color:rgb(188, 86, 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(188, 86, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 86, 108) }
```

Border

The CSS property to change the border of an element to CIELCh 50, 43.877, 9.905 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, 86, 108) }
```

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

```
.border{ border-color:rgb(188, 86, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 86, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 86, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 86, 108);  
box-shadow:4px 4px 4px 4px rgb(188, 86,  
108) }
```

Background

The CSS property to change the background color of an element to CIELCh 50, 43.877, 9.905 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 86, 108) }
```

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

```
.background{ background-color: rgb(188, 86,  
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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