

Converting Colors

CIELCh(59, 48.799, 325.134)

Have a look what the booklet for
CIELCh(59, 48.799, 325.134)
contains.

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Color

CIELCh(59, 49.213, 324.993)

Conversions

Conversions Part 1

Format	Color
Hex	BC74C0
RGB	188, 116, 192
RGB Percent	74%, 45%, 75%
CMY	0.2623, 0.5447, 0.2467
CMYK	0.02, 0.40, 0.00, 0.25
HSL	297°, 38%, 60%
HSV	297°, 40%, 75%
XYZ	36.5466, 27.0277, 53.2188
YIQ	146.1920, 18.5160, 38.9000

Conversions

Conversions Part 2

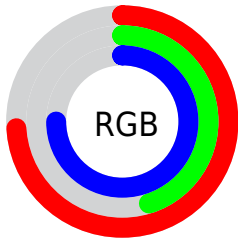
Format	Color
RYB	188, 116, 192
Decimal	12350656
CIELab	59.00, 40.31, -28.23
CIELCh	59, 49.213, 324.993
Yxy	27.0277, 0.3129, 0.2314
Android (android.graphics.Color)	4290540736 (0xFFBC74C0)
YUV	146.1920, 22.5833, 36.6656
Hunter-Lab	51.9882, 34.5024, -24.3016

Details

The CIELCh color $59, 49.213, 324.993$ is a light color, and the websafe version is hex `CC66CC`. A complement of this color would be $72, 49.102, 140.300$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $79, 48.996, 324.706$, and $39, 49.182, 325.013$ is the 20% darker color. If you saturate the color by 10%, you get $55, 60.761, 325.421$, and if you desaturate by 10%, it is $63, 36.998, 324.518$.

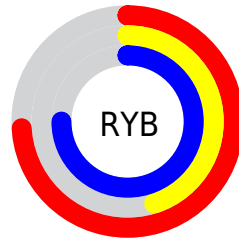
Distribution



Red (74%)

Green (45%)

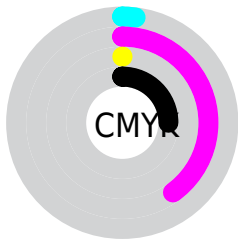
Blue (75%)



Red (74%)

Yellow (45%)

Blue (75%)

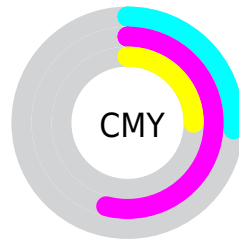


Cyan (2%)

Magenta (40%)

Yellow (0%)

Black (25%)



Cyan (26%)


Magenta (54%)


Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 49.213, 324.993 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 59, 49.213, 324.993 by changing the saturation by 10% instead.


 59, 49.213,
324.993


 59, 49.213,
324.993


 100, 49.213,
324.993


 49, 49.213,
324.993


 79, 49.213,
324.993


 39, 49.213,
324.993

 89, 49.213,
324.993

 29, 49.213,
324.993

 99, 49.213,
324.993

 19, 49.213,
324.993

 9, 49.213, 324.993

 0, 49.213, 324.993

59, 49.213,
324.993

59, 49.213,
324.993

55, 60.761,
325.421

63, 36.998,
324.518

51, 71.203,
325.781

68, 24.477,
324.016

49, 80.038,
326.050

73, 11.908,
323.495

46, 86.807,
326.209

78, 0.531, 143.457

45, 91.222,
326.243

83, 12.726,
142.531


44, 93.564,
326.169

88, 24.612,
142.044

44, 93.655,
326.165

94, 36.153,
141.587

95, 38.608,
141.173

 95, 38.408,
140.762

Harmonies

Complementary

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



59, 49.213, 324.993



72, 49.102, 140.300

Rectangle

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



59, 49.213, 324.993



59, 49.213, 14.993



59, 49.213, 144.993



59, 49.213, 194.993

Sweetspot

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



59, 49.211, 324.993



91, 18.530, 323.634



53, 40.988, 292.841



47, 12.298, 323.703



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



59, 49.211, 324.993



71, 71.579, 325.348



58, 37.324, 343.784



38, 7.109, 323.485



36, 82.032, 326.192



4, 23.566, 324.079

Inverse Universe

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



57, 32.147, 19.282



69, 48.331, 20.792



72, 36.169, 156.505



38, 4.192, 15.662



33, 71.678, 37.566



3, 14.026, 16.532

Previews

White Background



This preview shows how the CIELCh color 59, 49.213, 324.993 looks on a white background.

Color Contrast Check

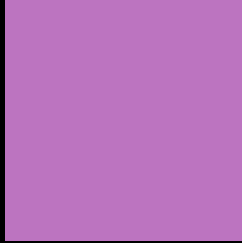
Large Text (above 18pt) WCAG AA ✓ Pass

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 59, 49.213, 324.993 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

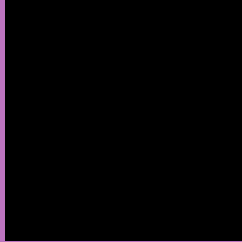
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 49.213, 324.993

Background



This preview shows how black text looks on a background with the CIELCh color 59, 49.213, 324.993.



This preview shows how white text looks on a background with the CIELCh color 59, 49.213, 324.993.

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
59, 22.138, 7.299

Trichromacy



Original Color
59, 49.213, 324.993

Protanomaly
58, 41.760, 299.941

Deuteranomaly
59, 33.869, 305.959

Tritanomaly
59, 29.775, 343.032

Monochromacy



Original Color
59, 49.213, 324.993

Achromatopsia
61, 0.008, 296.813

Achromatomaly
59, 18.681, 323.346

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 49.213, 324.993 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, 116, 192)` looks like.

```
.text, #text, p{  
    color:rgb(188, 116, 192)  
}
```

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, 116, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 116, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 49.213, 324.993 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, 116, 192) }
```

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

```
.border{ border-color:rgb(188, 116, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 116, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 116, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 116, 192);  
box-shadow:4px 4px 4px 4px rgb(188, 116,  
192) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 49.213, 324.993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 116, 192) }
```

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

```
.background{ background-color: rgb(188,  
116, 192) }
```

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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