

Converting Colors

CIELCh(54, 49.027, 333.385)

Have a look what the booklet for
CIELCh(54, 49.027, 333.385)
contains.

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Color

CIELCh(54, 49.000, 333.099)

Conversions

Conversions Part 1

Format	Color
Hex	B863A8
RGB	184, 99, 168
RGB Percent	72%, 39%, 66%
CMY	0.2780, 0.6114, 0.3408
CMYK	0.00, 0.46, 0.09, 0.28
HSL	311°, 37%, 56%
HSV	311°, 46%, 72%
XYZ	31.3385, 21.9746, 39.6825
YIQ	132.2810, 28.5110, 39.4790

Conversions

Conversions Part 2

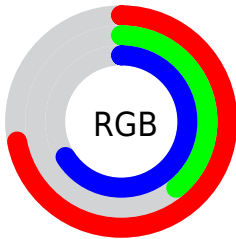
Format	Color
RYB	184, 99, 168
Decimal	12084136
CIELab	54.00, 43.70, -22.17
CIELCh	54, 49.000, 333.099
Yxy	21.9746, 0.3370, 0.2363
Android (android.graphics.Color)	4290274216 (0xFFB863A8)
YUV	132.2810, 17.6095, 45.3576
Hunter-Lab	46.8770, 37.2969, -17.3765

Details

The CIELCh color $54, 49.000, 333.099$ is a light color, and the websafe version is hex `CC6699`. A complement of this color would be $68, 49.014, 146.188$, and the grayscale version is $55, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 49.059, 333.395$, and $34, 49.364, 332.992$ is the 20% darker color. If you saturate the color by 10%, you get $50, 58.243, 333.801$, and if you desaturate by 10%, it is $58, 38.865, 332.417$.

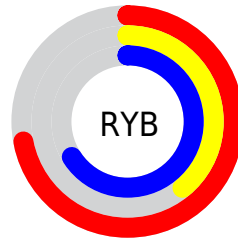
Distribution



Red (72%)

Green (39%)

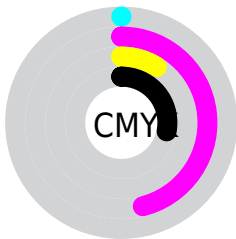
Blue (66%)



Red (72%)

Yellow (39%)

Blue (66%)

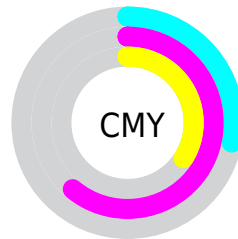


Cyan (0%)

Magenta (46%)

Yellow (9%)

Black (28%)



Cyan (28%)

Magenta (61%)

Yellow (34%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 49.000, 333.099 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 54, 49.000, 333.099 by changing the saturation by 10% instead.

 54, 49.000,
333.099

 54, 49.000,
333.099


 100, 49.000,
333.099


 44, 49.000,
333.099


 74, 49.000,
333.099

 34, 49.000,
333.099

 84, 49.000,
333.099

 24, 49.000,
333.099

 94, 49.000,
333.099

 14, 49.000,
333.099

 4, 49.000, 333.099

 0, 49.000, 333.099

54, 49.000,
333.099

54, 49.000,
333.099

50, 58.243,
333.801

58, 38.865,
332.417

47, 66.139,
334.529

62, 28.238,
331.752

45, 72.219,
335.300

67, 17.415,
331.102

43, 76.128,
336.137

72, 6.608, 330.453

42, 77.802,
337.074


77, 4.046, 149.969

42, 78.163,
337.448

82, 14.461,
149.345

87, 24.594,
148.790

92, 34.423,
148.269

 94, 38.184,
148.912

Harmonies

Complementary

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



54, 49.000, 333.099



68, 49.014, 146.188

Rectangle

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



54, 49.000, 333.099



54, 49.000, 23.099



54, 49.000, 153.099



54, 49.000, 203.099

Sweetspot

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



54, 48.998, 333.099



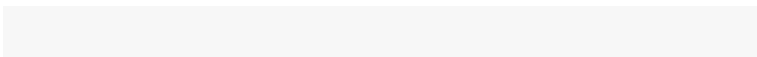
86, 18.664, 330.977



47, 50.527, 301.742



45, 12.890, 331.115



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



54, 48.998, 333.099



65, 70.719, 333.783



53, 37.267, 0.631



36, 6.064, 330.662



35, 69.139, 337.305



3, 15.561, 333.301

Inverse Universe

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



54, 48.998, 333.099



65, 70.719, 333.783



69, 32.778, 169.944



36, 6.064, 330.662



35, 69.139, 337.305



3, 15.561, 333.301

Previews

White Background



This preview shows how the CIELCh color 54, 49.000, 333.099 looks on a white background.

Color Contrast Check

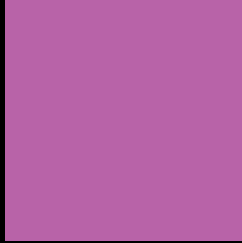
Large Text (above 18pt) WCAG AA ✓ Pass

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 54, 49.000, 333.099 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

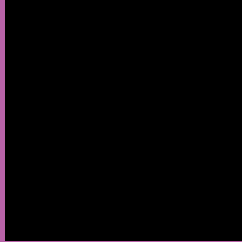
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 49.000, 333.099

Background



This preview shows how black text looks on a background with the CIELCh color 54, 49.000, 333.099.

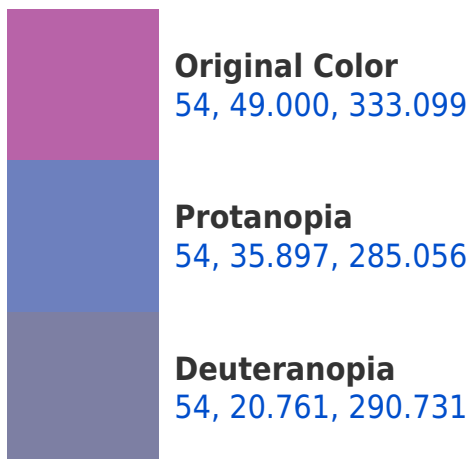


This preview shows how white text looks on a background with the CIELCh color 54, 49.000, 333.099.

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
54, 28.889, 14.079

Trichromacy



Original Color
54, 49.000, 333.099

Protanomaly
53, 38.262, 304.036

Deuteranomaly
54, 29.749, 313.877

Tritanomaly
54, 33.684, 353.640

Monochromacy



Original Color
54, 49.000, 333.099

Achromatopsia
55, 0.007, 296.813

Achromatomaly
54, 18.764, 331.551

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 49.000, 333.099 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(184, 99, 168)` looks like.

```
.text, #text, p{  
    color:rgb(184, 99, 168)  
}
```

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(184, 99, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 99, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 49.000, 333.099 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(184, 99, 168) }
```

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

```
.border{ border-color:rgb(184, 99, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 99, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 99, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 99, 168);  
box-shadow:4px 4px 4px 4px rgb(184, 99,  
168) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 49.000, 333.099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 99, 168) }
```

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

```
.background{ background-color: rgb(184, 99,  
168) }
```

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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