

Converting Colors

CIELCh(54, 43.815, 338.395)

Have a look what the booklet for
CIELCh(54, 43.815, 338.395)
contains.

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Color

CIELCh(54, 44.094, 338.309)

Conversions

Conversions Part 1

Format	Color
Hex	B8659E
RGB	184, 101, 158
RGB Percent	72%, 40%, 62%
CMY	0.2783, 0.6038, 0.3803
CMYK	0.00, 0.45, 0.14, 0.28
HSL	319°, 37%, 56%
HSV	319°, 45%, 72%
XYZ	30.6024, 21.9746, 34.9870
YIQ	132.3150, 31.1710, 35.3230

Conversions

Conversions Part 2

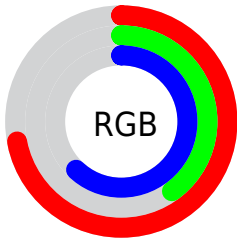
Format	Color
RYB	184, 101, 158
Decimal	12084638
CIELab	54.00, 40.97, -16.30
CIELCh	54, 44.094, 338.309
Yxy	21.9746, 0.3495, 0.2510
Android (android.graphics.Color)	4290274718 (0xFFB8659E)
YUV	132.3150, 12.6627, 45.3277
Hunter-Lab	46.8770, 34.4940, -11.4376

Details

The CIELCh color $54, 44.094, 338.309$ is a dark color, and the websafe version is hex `CC6699`. A complement of this color would be $68, 43.572, 150.741$, and the grayscale version is $55, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 44.310, 338.332$, and $34, 44.290, 338.029$ is the 20% darker color. If you saturate the color by 10%, you get $50, 52.776, 339.275$, and if you desaturate by 10%, it is $58, 34.652, 337.431$.

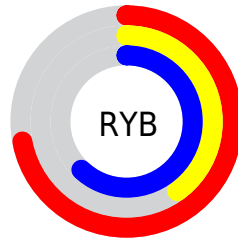
Distribution



Red (72%)

Green (40%)

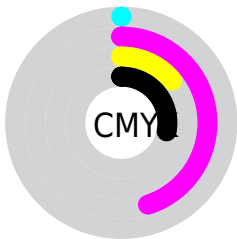
Blue (62%)



Red (72%)

Yellow (40%)

Blue (62%)

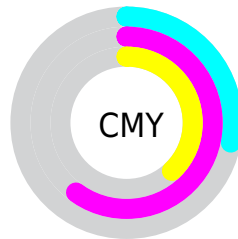


Cyan (0%)

Magenta (45%)

Yellow (14%)

Black (28%)



Cyan (28%)

Magenta (60%)

Yellow (38%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 44.094, 338.309 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, 44.094, 338.309 by changing the saturation by 10% instead.

 54, 44.094,
338.309

 54, 44.094,
338.309

 100, 44.094,
338.309


 44, 44.094,
338.309


 74, 44.094,
338.309

 34, 44.094,
338.309

 84, 44.094,
338.309

 24, 44.094,
338.309

 94, 44.094,
338.309

 14, 44.094,
338.309

 4, 44.094, 338.309

 0, 44.094, 338.309

54, 44.094,
338.309

54, 44.094,
338.309

50, 52.776,
339.275

58, 34.652,
337.431

47, 60.256,
340.360

63, 24.824,
336.619

44, 66.059,
341.613

67, 14.874,
335.857

42, 69.798,
343.100

72, 4.987, 335.108

41, 71.337,
344.904


77, 4.722, 154.578

41, 71.655,
345.868

82, 14.188,
153.909

87, 23.378,
153.313

93, 32.281,
152.757

 94, 34.097,
154.675

Harmonies

Complementary

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



54, 44.094, 338.309



68, 43.572, 150.741

Rectangle

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



54, 44.094, 338.309



54, 44.094, 28.309



54, 44.094, 158.309



54, 44.094, 208.309

Sweetspot

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



54, 44.091, 338.310



86, 17.084, 335.793



49, 49.481, 305.110



45, 11.803, 335.952



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, 44.091, 338.310



65, 64.147, 339.255



53, 35.582, 9.089



36, 5.547, 335.431



34, 63.444, 345.567



3, 13.909, 340.063

Inverse Universe

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



54, 44.091, 338.310



65, 64.147, 339.255



69, 29.349, 178.887



36, 5.547, 335.431



34, 63.444, 345.567



3, 13.909, 340.063

Previews

White Background



This preview shows how the CIELCh color 54, 44.094, 338.309 looks on a white background.

Color Contrast Check

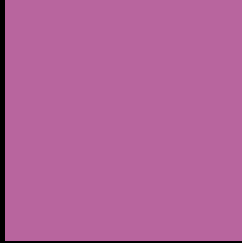
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 54, 44.094, 338.309 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

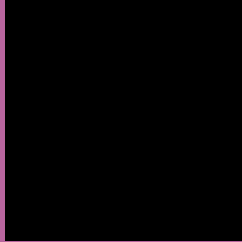
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 44.094, 338.309

Background



This preview shows how black text looks on a background with the CIELCh color 54, 44.094, 338.309.

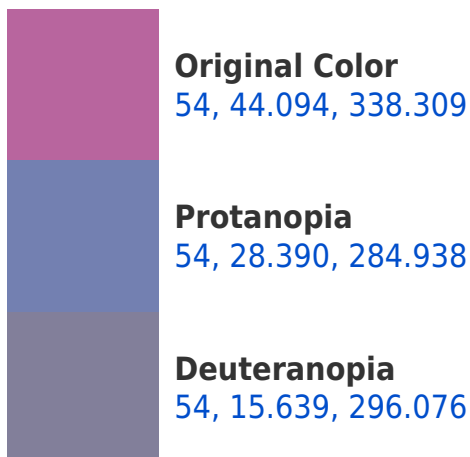


This preview shows how white text looks on a background with the CIELCh color 54, 44.094, 338.309.

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, 30.186, 13.600

Trichromacy



Original Color
54, 44.094, 338.309

Protanomaly
53, 31.186, 307.978

Deuteranomaly
54, 24.539, 321.801

Tritanomaly
54, 33.455, 356.752

Monochromacy



Original Color
54, 44.094, 338.309

Achromatopsia
55, 0.007, 296.813

Achromatomaly
54, 16.462, 337.061

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 44.094, 338.309 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, 101, 158)` looks like.

```
.text, #text, p{  
    color:rgb(184, 101, 158)  
}
```

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, 101, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 101, 158) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 44.094, 338.309 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, 101, 158) }
```

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

```
.border{ border-color:rgb(184, 101, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 101, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 101, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 101, 158);  
box-shadow:4px 4px 4px 4px rgb(184, 101,  
158) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 44.094, 338.309 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 101, 158) }
```

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

```
.background{ background-color: rgb(184,  
101, 158) }
```

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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