

Converting Colors

CIELCh(54, 43.118, 339.828)

Have a look what the booklet for
CIELCh(54, 43.118, 339.828)
contains.

CIELCh(54, 43.409, 339.450)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(54, 43.409, 339.450)

Conversions

Conversions Part 1

Format	Color
Hex	B8659C
RGB	184, 101, 156
RGB Percent	72%, 40%, 61%
CMY	0.2775, 0.6031, 0.3874
CMYK	0.00, 0.45, 0.15, 0.28
HSL	320°, 37%, 56%
HSV	320°, 45%, 72%
XYZ	30.5154, 21.9746, 34.1814
YIQ	132.0870, 31.8130, 34.7010

Conversions

Conversions Part 2

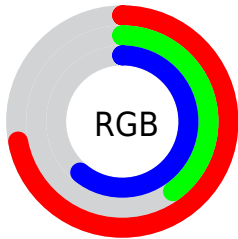
Format	Color
R_{YB}	184, 101, 156
Decimal	12084636
CIE _{Lab}	54.00, 40.65, -15.24
CIE _{LCh}	54, 43.409, 339.450
Yxy	21.9746, 0.3521, 0.2535
Android (android.graphics.Color)	4290274716 (0xFFB8659C)
YUV	132.0870, 11.7891, 45.5277
Hunter-Lab	46.8770, 34.1627, -10.4187

Details

The CIELCh color $54, 43.409, 339.450$ is a dark color, and the websafe version is hex `CC6699`. A complement of this color would be $69, 42.749, 151.699$, and the grayscale version is $55, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 43.649, 339.397$, and $34, 43.577, 339.257$ is the 20% darker color. If you saturate the color by 10%, you get $50, 51.989, 340.476$, and if you desaturate by 10%, it is $58, 34.089, 338.528$.

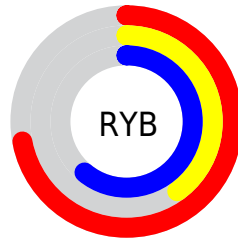
Distribution



Red (72%)

Green (40%)

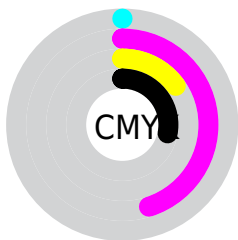
Blue (61%)



Red (72%)

Yellow (40%)

Blue (61%)

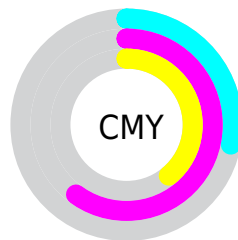


Cyan (0%)

Magenta (45%)

Yellow (15%)

Black (28%)



Cyan (28%)


Magenta (60%)


Yellow (39%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 54, 43.409, 339.450 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, 43.409, 339.450 by changing the saturation by 10% instead.


 54, 43.409,
339.450

 54, 43.409,
339.450


 100, 43.409,
339.450


 44, 43.409,
339.450


 74, 43.409,
339.450

 34, 43.409,
339.450

 84, 43.409,
339.450

 24, 43.409,
339.450

 94, 43.409,
339.450

 14, 43.409,
339.450

 4, 43.409, 339.450

 0, 43.409, 339.450

54, 43.409,
339.450

54, 43.409,
339.450

50, 51.989,
340.476

58, 34.089,
338.528

47, 59.391,
341.642

63, 24.397,
337.682

44, 65.137,
343.005

67, 14.597,
336.894

42, 68.841,
344.644

72, 4.867, 336.124

41, 70.368,
346.649


77, 4.681, 155.584

41, 70.687,
347.733

82, 13.984,
154.901

88, 23.011,
154.296

93, 31.752,
153.732

 95, 33.213,
155.997

Harmonies

Complementary

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



54, 43.409, 339.450



69, 42.749, 151.699

Rectangle

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



54, 43.409, 339.450



54, 43.409, 29.450



54, 43.409, 159.450



54, 43.409, 209.450

Sweetspot

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



54, 43.406, 339.451



86, 16.795, 336.831



49, 49.575, 306.128



45, 11.604, 336.995



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, 43.406, 339.451



65, 63.173, 340.458



53, 35.523, 11.613



36, 5.452, 336.459



34, 62.537, 347.393



3, 13.639, 341.429

Inverse Universe

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



54, 43.406, 339.451



65, 63.173, 340.458



70, 28.691, 181.686



36, 5.452, 336.459



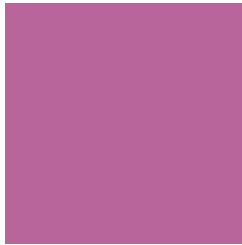
34, 62.537, 347.393



3, 13.639, 341.429

Previews

White Background



This preview shows how the CIELCh color 54, 43.409, 339.450 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, 43.409, 339.450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

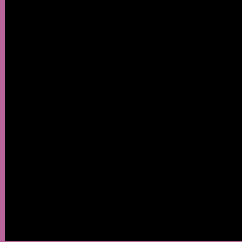
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 43.409, 339.450

Background



This preview shows how black text looks on a background with the CIELCh color 54, 43.409, 339.450.

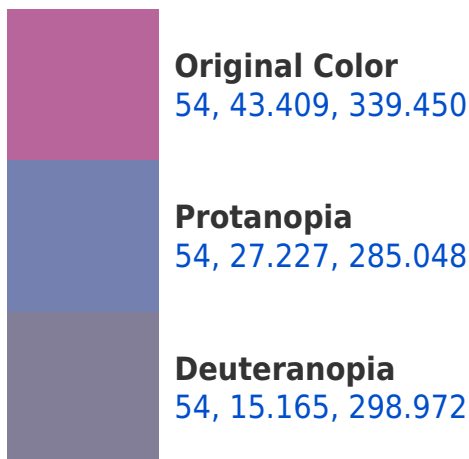


This preview shows how white text looks on a background with the CIELCh color 54, 43.409, 339.450.

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, 30.196, 14.674

Trichromacy



Original Color
54, 43.409, 339.450

Protanomaly
53, 30.173, 309.160

Deuteranomaly
54, 24.746, 322.608

Tritanomaly
54, 33.487, 358.974

Monochromacy



Original Color
54, 43.409, 339.450

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, 43.409, 339.450 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, 156)` looks like.

```
.text, #text, p{  
    color:rgb(184, 101, 156)  
}
```

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, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 101, 156) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 43.409, 339.450 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, 156) }
```

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

```
.border{ border-color:rgb(184, 101, 156) }
```

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, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 101, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 101, 156);  
box-shadow:4px 4px 4px 4px rgb(184, 101,  
156) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 43.409, 339.450 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, 156) }
```

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

```
.background{ background-color: rgb(184,  
101, 156) }
```

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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