

Converting Colors

CIELCh(54, 39.162, 5.293)

Have a look what the booklet for
CIELCh(54, 39.162, 5.293) contains.

CIELCh(54, 39.033, 5.600)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(54, 39.033, 5.600)

Conversions

Conversions Part 1

Format	Color
Hex	C0657C
RGB	192, 101, 124
RGB Percent	75%, 40%, 49%
CMY	0.2470, 0.6038, 0.5137
CMYK	0.00, 0.47, 0.35, 0.25
HSL	345°, 42%, 57%
HSV	345°, 47%, 75%
XYZ	30.0366, 21.9746, 21.7319
YIQ	130.8310, 46.8530, 26.4450

Conversions

Conversions Part 2

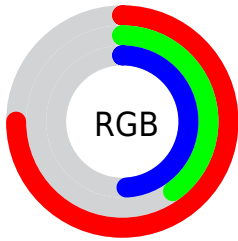
Format	Color
R_{YB}	192, 101, 124
Decimal	12608892
CIE _{Lab}	54.00, 38.85, 3.81
CIE _{LCh}	54, 39.033, 5.600
Yxy	21.9746, 0.4073, 0.2980
Android (android.graphics.Color)	4290798972 (0xFFC0657C)
YUV	130.8310, -3.3677, 53.6452
Hunter-Lab	46.8770, 32.3396, 5.3274

Details

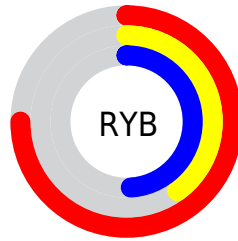
The CIELCh color **54, 39.033, 5.600** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **72, 32.943, 174.424**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **74, 39.088, 6.021**, and **34, 39.265, 6.024** is the 20% darker color. If you saturate the color by 10%, you get **50, 47.266, 7.866**, and if you desaturate by 10%, it is **59, 30.519, 3.782**.

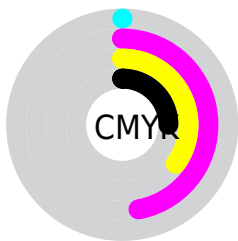
Distribution



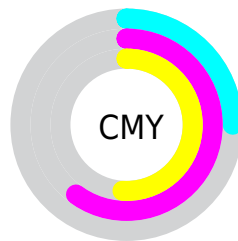
- Red (75%)
- Green (40%)
- Blue (49%)



- Red (75%)
- Yellow (40%)
- Blue (49%)



- Cyan (0%)
- Magenta (47%)
- Yellow (35%)
- Black (25%)



- Cyan (25%)
- Magenta (60%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 39.033, 5.600 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, 39.033, 5.600 by changing the saturation by 10% instead.

 54, 39.033, 5.600  54, 39.033, 5.600

 100, 39.033, 5.600  44, 39.033, 5.600

 74, 39.033, 5.600  34, 39.033, 5.600

 84, 39.033, 5.600  24, 39.033, 5.600

 94, 39.033, 5.600  14, 39.033, 5.600

 4, 39.033, 5.600

 0, 39.033, 5.600

 54, 39.033, 5.600  54, 39.033, 5.600

 50, 47.266, 7.866  59, 30.519, 3.782

 46, 54.878, 10.721  63, 22.012, 2.289

44, 61.528, 14.330

69, 13.699, 1.034

42, 67.030, 18.811

74, 5.692, 359.928

41, 71.544, 24.067

79, 1.956, 179.342

40, 72.734, 25.414

85, 9.231, 178.347

90, 16.141,
177.612

95, 22.706,
176.964

96, 20.626,
195.503

Harmonies

Complementary

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



54, 39.033, 5.600



72, 32.943, 174.424

Rectangle

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



54, 39.033, 5.600



54, 39.033, 55.600



54, 39.033, 185.600



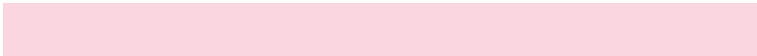
54, 39.033, 235.600

Sweetspot

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



54, 39.030, 5.602



89, 13.566, 0.673



53, 56.257, 318.753



46, 9.409, 0.919



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



54, 39.030, 5.602



64, 58.128, 8.000



58, 33.799, 42.735



38, 4.420, 0.143



33, 63.372, 24.582



3, 14.445, 5.882

Inverse Universe

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



54, 39.030, 5.602



64, 58.128, 8.000



66, 24.034, 227.451



38, 4.420, 0.143



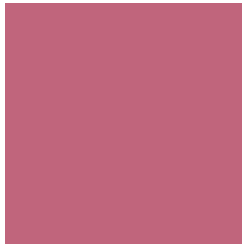
33, 63.372, 24.582



3, 14.445, 5.882

Previews

White Background



This preview shows how the CIELCh color 54, 39.033, 5.600 looks on a white background.

Color Contrast Check

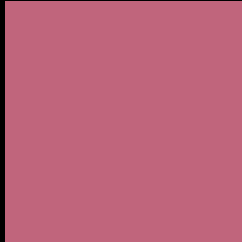
Large Text (above 18pt) WCAG AA ✓ Pass

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, 39.033, 5.600 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

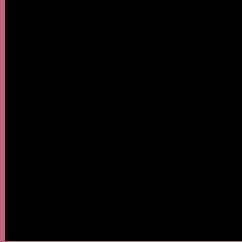
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 39.033, 5.600

Background



This preview shows how black text looks on a background with the CIELCh color 54, 39.033, 5.600.



This preview shows how white text looks on a background with the CIELCh color 54, 39.033, 5.600.

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

54, 39.033, 5.600

Protanopia

54, 6.341, 290.957

Deuteranopia

54, 9.188, 38.346



Tritanopia
54, 37.665, 17.587

Trichromacy



Original Color
54, 39.033, 5.600

Protanomaly
54, 15.746, 348.125

Deuteranomaly
54, 19.786, 13.510

Tritanomaly
54, 37.922, 12.659

Monochromacy



Original Color
54, 39.033, 5.600

Achromatopsia
55, 0.007, 296.813

Achromatomaly
54, 14.181, 2.239

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 39.033, 5.600 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(192, 101, 124)` looks like.

```
.text, #text, p{  
    color:rgb(192, 101, 124)  
}
```

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(192, 101, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 101, 124) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 39.033, 5.600 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(192, 101, 124) }
```

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

```
.border{ border-color:rgb(192, 101, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 101, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 101, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 101, 124);  
box-shadow:4px 4px 4px 4px rgb(192, 101,  
124) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 39.033, 5.600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 101, 124) }
```

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

```
.background{ background-color: rgb(192,  
101, 124) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor