

Converting Colors

CIELCh(54, 41.901, 0.508)

Have a look what the booklet for
CIELCh(54, 41.901, 0.508) contains.

CIELCh(54, 42.206, 0.394)	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, 42.206, 0.394)

Conversions

Conversions Part 1

Format	Color
Hex	C36282
RGB	195, 98, 130
RGB Percent	76%, 38%, 51%
CMY	0.2350, 0.6154, 0.4899
CMYK	0.00, 0.50, 0.33, 0.23
HSL	340°, 45%, 57%
HSV	340°, 50%, 77%
XYZ	30.9339, 21.9746, 23.7544
YIQ	130.6510, 47.5400, 30.5160

Conversions

Conversions Part 2

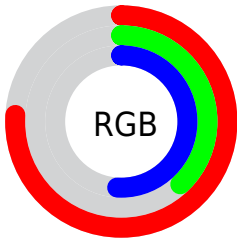
Format	Color
R_{YB}	195, 98, 130
Decimal	12804738
CIE _{Lab}	54.00, 42.21, 0.29
CIE _{LCh}	54, 42.206, 0.394
Yxy	21.9746, 0.4035, 0.2866
Android (android.graphics.Color)	4290994818 (0xFFC36282)
YUV	130.6510, -0.3209, 56.4341
Hunter-Lab	46.8770, 35.7566, 2.7694

Details

The CIELCh color **54, 42.206, 0.394** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **72, 37.035, 168.546**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **74, 42.369, 0.212**, and **34, 42.235, 0.092** is the 20% darker color. If you saturate the color by 10%, you get **50, 50.195, 2.601**, and if you desaturate by 10%, it is **58, 33.689, 358.611**.

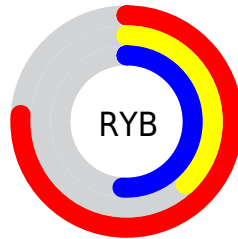
Distribution



Red (76%)

Green (38%)

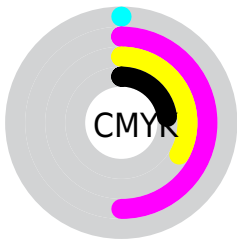
Blue (51%)



Red (76%)

Yellow (38%)

Blue (51%)

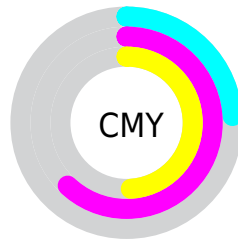


Cyan (0%)

Magenta (50%)

Yellow (33%)

Black (23%)



Cyan (24%)

Magenta (62%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 42.206, 0.394 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, 42.206, 0.394 by changing the saturation by 10% instead.

 54, 42.206, 0.394

 54, 42.206, 0.394

 100, 42.206, 0.394

 44, 42.206, 0.394

 74, 42.206, 0.394

 34, 42.206, 0.394

 84, 42.206, 0.394

 24, 42.206, 0.394

 94, 42.206, 0.394

 14, 42.206, 0.394


 4, 42.206, 0.394

 0, 42.206, 0.394

 54, 42.206, 0.394

 54, 42.206, 0.394

 50, 50.195, 2.601

 58, 33.689,
358.611

 47, 57.264, 5.375

44, 63.050, 8.890

63, 24.990,
357.134

42, 67.396, 13.298

68, 16.349,
355.882

41, 70.722, 18.465

41, 70.818, 18.606

74, 7.919, 354.783

79, 0.214, 176.044

84, 8.013, 173.133

90, 15.469,
172.361

95, 22.593,
171.679

96, 20.305,
187.522

Harmonies

Complementary

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



54, 42.206, 0.394



72, 37.035, 168.546

Rectangle

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



54, 42.206, 0.394



54, 42.206, 50.394



54, 42.206, 180.394



54, 42.206, 230.394

Sweetspot

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



54, 42.203, 0.396



89, 15.211, 355.374



52, 59.191, 316.757



47, 10.502, 355.614



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



54, 42.203, 0.396



64, 62.041, 2.901



57, 37.718, 36.997



38, 4.589, 354.745



34, 61.097, 17.715



3, 14.737, 1.961

Inverse Universe

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



54, 42.203, 0.396



64, 62.041, 2.901



69, 25.786, 217.984



38, 4.589, 354.745



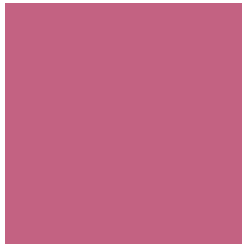
34, 61.097, 17.715



3, 14.737, 1.961

Previews

White Background



This preview shows how the CIELCh color 54, 42.206, 0.394 looks on a white background.

Color Contrast Check

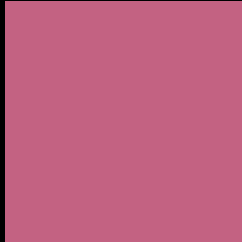
Large Text (above 18pt) WCAG AA ✓ Pass

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, 42.206, 0.394 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, 42.206, 0.394

Background



This preview shows how black text looks on a background with the CIELCh color 54, 42.206, 0.394.



This preview shows how white text looks on a background with the CIELCh color 54, 42.206, 0.394.

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, 42.206, 0.394

Protanopia

54, 11.554, 286.071

Deuteranopia

54, 7.755, 15.982



Tritanopia
54, 39.058, 18.862

Trichromacy



Original Color
54, 42.206, 0.394

Protanomaly
53, 18.904, 334.653

Deuteranomaly
54, 20.754, 2.721

Tritanomaly
54, 39.579, 11.828

Monochromacy



Original Color
54, 42.206, 0.394

Achromatopsia
55, 0.007, 296.813

Achromatomaly
54, 15.697, 355.307

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 42.206, 0.394 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(195, 98, 130)` looks like.

```
.text, #text, p{  
    color:rgb(195, 98, 130)  
}
```

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(195, 98, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 98, 130) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 42.206, 0.394 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(195, 98, 130) }
```

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

```
.border{ border-color:rgb(195, 98, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 98, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 98, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 98, 130);  
box-shadow:4px 4px 4px 4px rgb(195, 98,  
130) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 42.206, 0.394 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 98, 130) }
```

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

```
.background{ background-color: rgb(195, 98,  
130) }
```

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