

Converting Colors

CIELCh(59, 33.946, 350.690)

Have a look what the booklet for
CIELCh(59, 33.946, 350.690)
contains.

CIELCh(59, 33.886, 350.646)	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(59, 33.886, 350.646)

Conversions

Conversions Part 1

Format	Color
Hex	C27899
RGB	194, 120, 153
RGB Percent	76%, 47%, 60%
CMY	0.2410, 0.5310, 0.4017
CMYK	0.00, 0.38, 0.21, 0.24
HSL	333°, 38%, 61%
HSV	333°, 38%, 76%
XYZ	34.5127, 27.0277, 33.3513
YIQ	145.8880, 33.5110, 25.9510

Conversions

Conversions Part 2

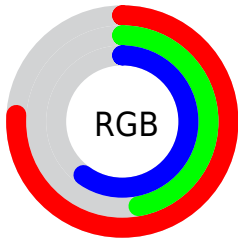
Format	Color
RYB	194, 120, 153
Decimal	12744857
CIELab	59.00, 33.44, -5.51
CIELCh	59, 33.886, 350.646
Yxy	27.0277, 0.3637, 0.2848
Android (android.graphics.Color)	4290934937 (0xFFC27899)
YUV	145.8880, 3.5062, 42.1942
Hunter-Lab	51.9882, 27.5190, -1.6438

Details

The CIELCh color **59, 33.886, 350.646** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **73, 31.907, 162.858**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **79, 34.108, 350.800**, and **39, 33.705, 350.999** is the 20% darker color. If you saturate the color by 10%, you get **55, 42.533, 352.116**, and if you desaturate by 10%, it is **64, 24.935, 349.397**.

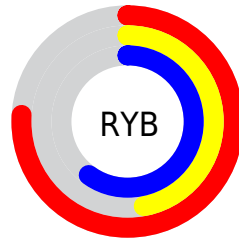
Distribution



Red (76%)

Green (47%)

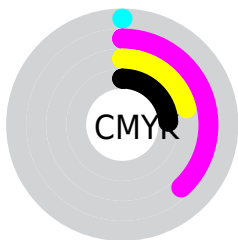
Blue (60%)



Red (76%)

Yellow (47%)

Blue (60%)

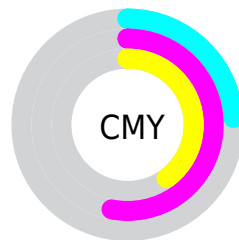


Cyan (0%)

Magenta (38%)

Yellow (21%)

Black (24%)



Cyan (24%)


Magenta (53%)


Yellow (40%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 33.886, 350.646 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 59, 33.886, 350.646 by changing the saturation by 10% instead.


 59, 33.886,
350.646


 59, 33.886,
350.646


 100, 33.886,
350.646

 49, 33.886,
350.646

 79, 33.886,
350.646

 39, 33.886,
350.646

 89, 33.886,
350.646

 29, 33.886,
350.646

 99, 33.886,
350.646

 19, 33.886,
350.646

 9, 33.886, 350.646

 0, 33.886, 350.646

59, 33.886,
350.646

59, 33.886,
350.646

55, 42.533,
352.116

64, 24.935,
349.397

51, 50.522,
353.883

69, 15.951,
348.306

47, 57.411,
356.064

74, 7.101, 347.317

45, 62.768,
358.806

79, 1.513, 166.794

43, 66.324, 2.283

85, 9.841, 165.788


90, 17.862,
165.063

42, 68.282, 6.573

41, 68.612, 7.366

95, 25.538,
164.445

96, 22.558,
175.680

 96, 20.586,
189.592

Harmonies

Complementary

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



59, 33.886, 350.646



73, 31.907, 162.858

Rectangle

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



59, 33.886, 350.646



59, 33.886, 40.646



59, 33.886, 170.646



59, 33.886, 220.646

Sweetspot

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



59, 33.883, 350.648



92, 11.849, 347.605



57, 44.435, 312.574



49, 8.041, 347.740



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



59, 33.883, 350.648



71, 50.422, 351.883



59, 30.096, 26.574



38, 4.915, 347.430



34, 59.760, 6.629



3, 15.402, 355.526

Inverse Universe

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



59, 33.883, 350.648



71, 50.422, 351.883



73, 22.854, 202.782



38, 4.915, 347.430



34, 59.760, 6.629



3, 15.402, 355.526

Previews

White Background



This preview shows how the CIELCh color 59, 33.886, 350.646 looks on a white background.

Color Contrast Check

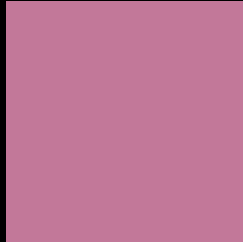
Large Text (above 18pt) WCAG AA ✓ Pass

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 59, 33.886, 350.646 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

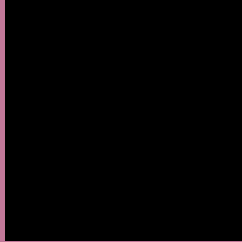
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 33.886, 350.646

Background



This preview shows how black text looks on a background with the CIELCh color 59, 33.886, 350.646.



This preview shows how white text looks on a background with the CIELCh color 59, 33.886, 350.646.

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

59, 33.886, 350.646

Protanopia

59, 14.189, 287.418

Deuteranopia

59, 8.555, 333.573



Tritanopia
59, 28.354, 12.560

Trichromacy



Original Color
59, 33.886, 350.646

Protanomaly
59, 18.535, 322.325

Deuteranomaly
59, 17.985, 344.813

Tritanomaly
59, 29.650, 4.356

Monochromacy



Original Color
59, 33.886, 350.646

Achromatopsia
60, 0.008, 296.813

Achromatomaly
59, 12.573, 348.212

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 33.886, 350.646 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(194, 120, 153)` looks like.

```
.text, #text, p{  
    color:rgb(194, 120, 153)  
}
```

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(194, 120, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 120, 153) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 33.886, 350.646 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(194, 120, 153) }
```

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

```
.border{ border-color:rgb(194, 120, 153) }
```

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

Here you see how a box with a 4 pixel rgb(194, 120, 153) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 120, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 120, 153);  
box-shadow:4px 4px 4px 4px rgb(194, 120,  
153) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 33.886, 350.646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 120, 153) }
```

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

```
.background{ background-color: rgb(194,  
120, 153) }
```

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