

Converting Colors

CIELCh(59, 35.391, 304.352)

Have a look what the booklet for
CIELCh(59, 35.391, 304.352)
contains.

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Color

CIELCh(59, 35.348, 304.340)

Conversions

Conversions Part 1

Format	Color
Hex	9784C1
RGB	151, 132, 193
RGB Percent	59%, 52%, 76%
CMY	0.4069, 0.4814, 0.2422
CMYK	0.22, 0.32, 0.00, 0.24
HSL	259°, 33%, 64%
HSV	259°, 32%, 76%
XYZ	30.7419, 27.0277, 54.1921
YIQ	144.6350, -8.2570, 22.9990

Conversions

Conversions Part 2

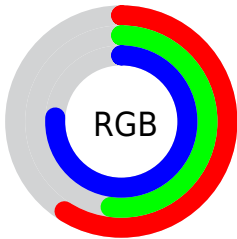
Format	Color
RYB	151, 132, 193
Decimal	9929921
CIELab	59.00, 19.94, -29.19
CIElCh	59, 35.348, 304.340
Yxy	27.0277, 0.2746, 0.2414
Android (android.graphics.Color)	4288120001 (0xFF9784C1)
YUV	144.6350, 23.8439, 5.5821
Hunter-Lab	51.9882, 14.5719, -25.4117

Details

The CIELCh color **59, 35.348, 304.340** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **75, 33.208, 120.445**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **79, 35.614, 304.335**, and **39, 35.517, 304.609** is the 20% darker color. If you saturate the color by 10%, you get **53, 47.269, 305.169**, and if you desaturate by 10%, it is **65, 23.748, 303.585**.

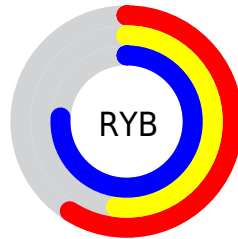
Distribution



Red (59%)

Green (52%)

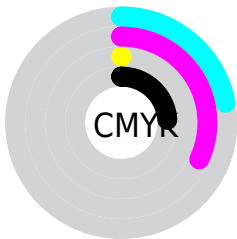
Blue (76%)



Red (59%)

Yellow (52%)

Blue (76%)

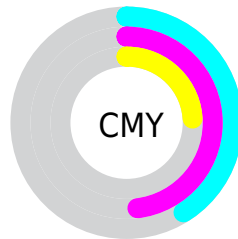


Cyan (22%)

Magenta (32%)

Yellow (0%)

Black (24%)



Cyan (41%)


Magenta (48%)


Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 59, 35.348, 304.340 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, 35.348, 304.340 by changing the saturation by 10% instead.


 59, 35.348,
304.340


 59, 35.348,
304.340


 100, 35.348,
304.340


 49, 35.348,
304.340


 79, 35.348,
304.340

 39, 35.348,
304.340

 89, 35.348,
304.340

 29, 35.348,
304.340

 99, 35.348,
304.340

 19, 35.348,
304.340

 9, 35.348, 304.340

 0, 35.348, 304.340

59, 35.348,
304.340

59, 35.348,
304.340

53, 47.269,
305.169

65, 23.748,
303.585

47, 59.394,
306.051

71, 12.522,
302.910

42, 71.461,
306.939

77, 1.681, 302.290

36, 82.979,
307.748

83, 8.784, 121.809

32, 93.132,
308.344

89, 18.887,
121.356

28, 100.819,
308.553

95, 28.647,
120.967

26, 105.234,
308.450

98, 31.394,
115.159

99, 31.098,
107.812

Harmonies

Complementary

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



59, 35.348, 304.340



75, 33.208, 120.445

Rectangle

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



59, 35.348, 304.340



59, 35.348, 354.340



59, 35.348, 124.340



59, 35.348, 174.340

Sweetspot

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



59, 35.347, 304.340



92, 12.048, 302.757



69, 17.098, 234.728



49, 8.462, 302.850



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, 35.347, 304.340



71, 53.442, 304.917



62, 38.300, 320.198



38, 6.125, 302.771



21, 91.621, 308.578



2, 19.756, 299.487

Inverse Universe

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



63, 32.518, 337.070



76, 48.432, 337.664



73, 37.763, 137.141



38, 5.808, 335.364



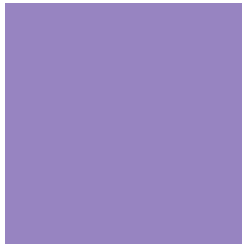
35, 65.003, 345.499



3, 18.080, 340.914

Previews

White Background



This preview shows how the CIELCh color 59, 35.348, 304.340 looks on a white background.

Color Contrast Check

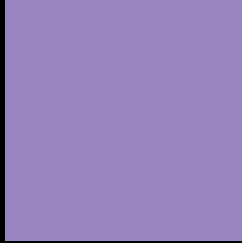
Large Text (above 18pt) WCAG AA ✓ Pass

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 59, 35.348, 304.340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

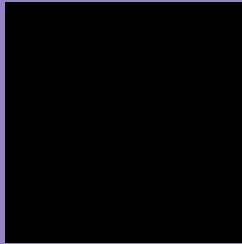
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 35.348, 304.340

Background



This preview shows how black text looks on a background with the CIELCh color 59, 35.348, 304.340.



This preview shows how white text looks on a background with the CIELCh color 59, 35.348, 304.340.

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, 35.348, 304.340

Protanopia

59, 33.603, 285.302

Deuteranopia

59, 29.588, 285.908



Tritanopia
59, 7.001, 303.469

Trichromacy



Original Color
59, 35.348, 304.340

Protanomaly
59, 34.024, 292.312

Deuteranomaly
59, 31.211, 293.037

Tritanomaly
59, 17.492, 304.091

Monochromacy



Original Color
59, 35.348, 304.340

Achromatopsia
60, 0.008, 296.813

Achromatomaly
60, 13.332, 302.803

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 35.348, 304.340 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(151, 132, 193)` looks like.

```
.text, #text, p{  
    color:rgb(151, 132, 193)  
}
```

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(151, 132, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 132, 193) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 35.348, 304.340 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(151, 132, 193) }
```

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

```
.border{ border-color:rgb(151, 132, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 132, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 132, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 132, 193);  
box-shadow:4px 4px 4px 4px rgb(151, 132,  
193) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 35.348, 304.340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 132, 193) }
```

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

```
.background{ background-color: rgb(151,  
132, 193) }
```

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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