

Converting Colors

CIELCh(59, 41.772, 350.251)

Have a look what the booklet for
CIELCh(59, 41.772, 350.251)
contains.

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Color

CIELCh(59, 41.738, 349.910)

Conversions

Conversions Part 1

Format	Color
Hex	CC719C
RGB	204, 113, 156
RGB Percent	80%, 44%, 61%
CMY	0.2002, 0.5570, 0.3884
CMYK	0.00, 0.45, 0.24, 0.20
HSL	332°, 47%, 62%
HSV	332°, 45%, 80%
XYZ	36.7833, 27.0277, 34.7087
YIQ	145.1110, 40.4330, 32.6650

Conversions

Conversions Part 2

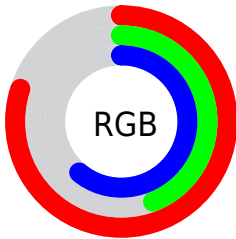
Format	Color
R_{YB}	204, 113, 156
Decimal	13398428
CIE _{Lab}	59.00, 41.09, -7.31
CIE _{LCh}	59, 41.738, 349.910
Yxy	27.0277, 0.3734, 0.2743
Android (android.graphics.Color)	4291588508 (0xFFCC719C)
YUV	145.1110, 5.3683, 51.6457
Hunter-Lab	51.9882, 35.3149, -3.1918

Details

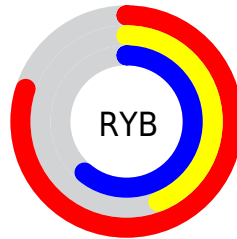
The CIELCh color $59, 41.738, 349.910$ is a light color, and the websafe version is hex $CC6699$. A complement of this color would be $76, 39.323, 160.572$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $78, 39.179, 347.666$, and $39, 41.639, 350.079$ is the 20% darker color. If you saturate the color by 10%, you get $55, 50.400, 351.490$, and if you desaturate by 10%, it is $64, 32.483, 348.580$.

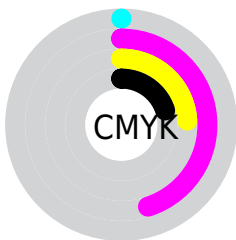
Distribution



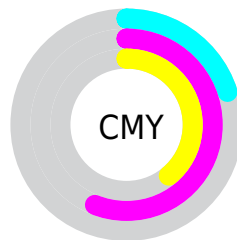
- Red (80%)
- Green (44%)
- Blue (61%)



- Red (80%)
- Yellow (44%)
- Blue (61%)



- Cyan (0%)
- Magenta (45%)
- Yellow (24%)
- Black (20%)





- Cyan (20%)
- Magenta (56%)
- Yellow (39%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 59, 41.738, 349.910 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, 41.738, 349.910 by changing the saturation by 10% instead.


 59, 41.738,
349.910


 59, 41.738,
349.910


 100, 41.738,
349.910


 49, 41.738,
349.910


 79, 41.738,
349.910

 39, 41.738,
349.910


 89, 41.738,
349.910

 29, 41.738,
349.910

 99, 41.738,
349.910

 19, 41.738,
349.910

 9, 41.738, 349.910

 0, 41.738, 349.910

59, 41.738,
349.910

59, 41.738,
349.910

55, 50.400,
351.490

64, 32.483,
348.580

51, 58.028,
353.412

69, 22.997,
347.430

48, 64.139,
355.807

74, 13.522,
346.411

46, 68.356,
358.836

79, 4.217, 345.444

44, 70.609, 2.663

85, 4.830, 164.821

44, 71.377, 4.970

91, 13.573,
164.026

96, 21.586,
163.769

96, 18.668,
177.318

■ 97, 17.028,
194.506

Harmonies

Complementary

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



59, 41.738, 349.910



76, 39.323, 160.572

Rectangle

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



59, 41.738, 349.910



59, 41.738, 39.910



59, 41.738, 169.910



59, 41.738, 219.910

Sweetspot

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



59, 41.735, 349.911



91, 14.395, 346.271



56, 54.134, 311.842



47, 10.099, 346.488



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, 41.735, 349.911



68, 59.728, 351.506



58, 38.586, 25.163



40, 5.216, 345.912



35, 61.215, 4.223



4, 19.658, 355.230

Inverse Universe

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



59, 41.735, 349.911



68, 59.728, 351.506



76, 27.909, 199.079



40, 5.216, 345.912



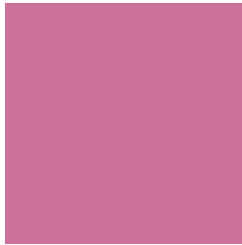
35, 61.215, 4.223



4, 19.658, 355.230

Previews

White Background



This preview shows how the CIELCh color 59, 41.738, 349.910 looks on a white background.

Color Contrast Check

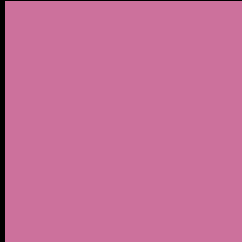
Large Text (above 18pt) WCAG AA ✓ Pass

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, 41.738, 349.910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

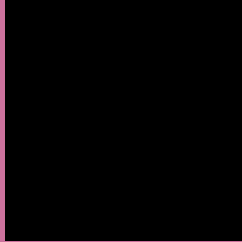
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 41.738, 349.910

Background



This preview shows how black text looks on a background with the CIELCh color 59, 41.738, 349.910.



This preview shows how white text looks on a background with the CIELCh color 59, 41.738, 349.910.

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, 41.738, 349.910

Protanopia
59, 18.763, 285.873

Deuteranopia
59, 9.629, 324.912



Tritanopia
59, 34.763, 15.377

Trichromacy



Original Color
59, 41.738, 349.910

Protanomaly
59, 23.169, 319.916

Deuteranomaly
59, 21.159, 341.991

Tritanomaly
59, 36.445, 4.473

Monochromacy



Original Color
59, 41.738, 349.910

Achromatopsia
60, 0.008, 296.813

Achromatomaly
59, 15.759, 346.200

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 41.738, 349.910 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(204, 113, 156)` looks like.

```
.text, #text, p{  
    color:rgb(204, 113, 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(204, 113, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 113, 156) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 41.738, 349.910 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(204, 113, 156) }
```

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

```
.border{ border-color:rgb(204, 113, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 113, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 113, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 113, 156);  
box-shadow:4px 4px 4px 4px rgb(204, 113,  
156) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 41.738, 349.910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 113, 156) }
```

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

```
.background{ background-color: rgb(204,  
113, 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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