

Converting Colors

CIELCh(59, 57.727, 341.087)

Have a look what the booklet for
CIELCh(59, 57.727, 341.087)
contains.

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Color

CIELCh(59, 57.773, 341.077)

Conversions

Conversions Part 1

Format	Color
Hex	D964B0
RGB	217, 100, 176
RGB Percent	85%, 39%, 69%
CMY	0.1487, 0.6076, 0.3095
CMYK	0.00, 0.54, 0.19, 0.15
HSL	321°, 61%, 62%
HSV	321°, 54%, 85%
XYZ	41.0441, 27.0277, 44.1631
YIQ	143.6470, 45.3360, 48.4400

Conversions

Conversions Part 2

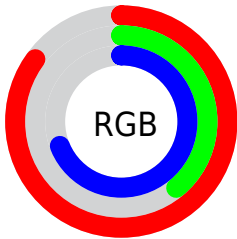
Format	Color
R _Y B	217, 100, 176
Decimal	14247088
CIE Lab	59.00, 54.65, -18.74
CIE LCh	59, 57.773, 341.077
Yxy	27.0277, 0.3657, 0.2408
Android (android.graphics.Color)	4292437168 (0xFFD964B0)
YUV	143.6470, 15.9500, 64.3306
Hunter-Lab	51.9882, 49.9443, -13.9741

Details

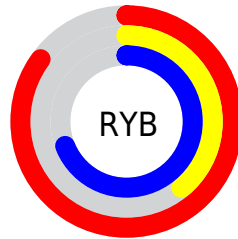
The CIELCh color **59, 57.773, 341.077** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **79, 57.006, 150.982**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **76, 53.169, 334.295**, and **39, 57.638, 341.130** is the 20% darker color. If you saturate the color by 10%, you get **55, 66.259, 342.293**, and if you desaturate by 10%, it is **63, 47.963, 340.015**.

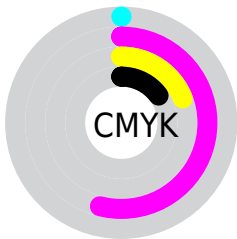
Distribution



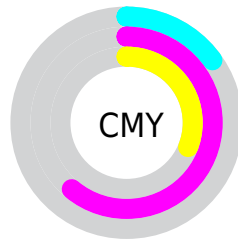
- Red (85%)
- Green (39%)
- Blue (69%)



- Red (85%)
- Yellow (39%)
- Blue (69%)



- Cyan (0%)
- Magenta (54%)
- Yellow (19%)
- Black (15%)





- Cyan (15%)
- Magenta (61%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 57.773, 341.077 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, 57.773, 341.077 by changing the saturation by 10% instead.


 59, 57.773,
341.077


 59, 57.773,
341.077


 100, 57.773,
341.077


 49, 57.773,
341.077


 79, 57.773,
341.077

 39, 57.773,
341.077

 89, 57.773,
341.077

 29, 57.773,
341.077

 99, 57.773,
341.077

 19, 57.773,
341.077

 9, 57.773, 341.077

 0, 57.773, 341.077

59, 57.773,
341.077

59, 57.773,
341.077

55, 66.259,
342.293

63, 47.963,
340.015

52, 72.875,
343.723

68, 37.350,
339.065

50, 77.162,
345.454

73, 26.344,
338.197

48, 78.949,
347.586

79, 15.242,
337.391


48, 79.161,
349.072

85, 4.241, 336.588

90, 6.537, 156.046

96, 17.024,
155.367

97, 16.199,
163.659

 97, 14.142,
176.294

Harmonies

Complementary

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



59, 57.773, 341.077



79, 57.006, 150.982

Rectangle

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



59, 57.773, 341.077



59, 57.773, 31.077



59, 57.773, 161.077



59, 57.773, 211.077

Sweetspot

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



59, 57.770, 341.078



90, 20.026, 337.568



52, 68.472, 307.389



46, 13.537, 337.733



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, 57.770, 341.078



64, 76.254, 342.518



57, 49.150, 14.964



43, 6.255, 337.043



38, 67.144, 348.644



6, 27.129, 344.250

Inverse Universe

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



59, 57.770, 341.078



64, 76.254, 342.518



80, 37.298, 182.161



43, 6.255, 337.043



38, 67.144, 348.644



6, 27.129, 344.250

Previews

White Background



This preview shows how the CIELCh color 59, 57.773, 341.077 looks on a white background.

Color Contrast Check

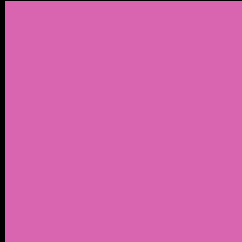
Large Text (above 18pt) WCAG AA ✓ Pass

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, 57.773, 341.077 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

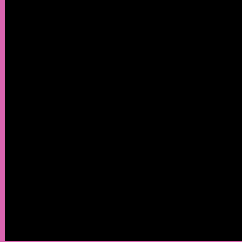
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 57.773, 341.077

Background



This preview shows how black text looks on a background with the CIELCh color 59, 57.773, 341.077.

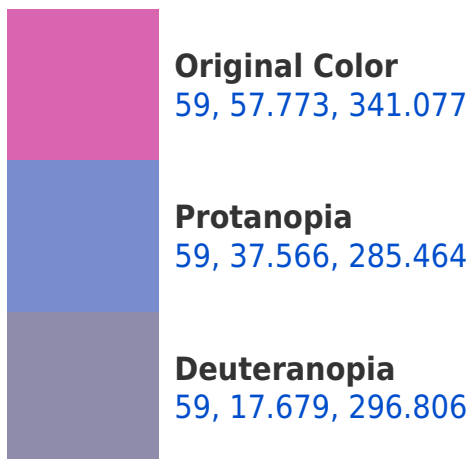


This preview shows how white text looks on a background with the CIELCh color 59, 57.773, 341.077.

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](#).

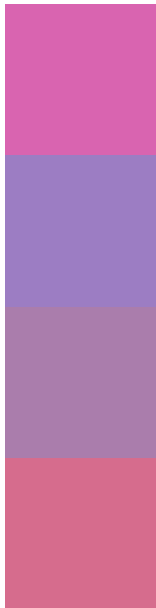
Dichromacy





Tritanopia
59, 42.107, 17.944

Trichromacy



Original Color
59, 57.773, 341.077

Protanomaly
58, 41.321, 308.976

Deuteranomaly
58, 31.353, 324.687

Tritanomaly
59, 45.103, 1.763

Monochromacy



Original Color
59, 57.773, 341.077

Achromatopsia
60, 0.008, 296.813

Achromatomaly
59, 22.859, 338.192

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 57.773, 341.077 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(217, 100, 176)` looks like.

```
.text, #text, p{  
    color:rgb(217, 100, 176)  
}
```

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(217, 100, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 100, 176) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 57.773, 341.077 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(217, 100, 176) }
```

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

```
.border{ border-color:rgb(217, 100, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 100, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 100, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 100, 176);  
box-shadow:4px 4px 4px 4px rgb(217, 100,  
176) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 57.773, 341.077 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 100, 176) }
```

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

```
.background{ background-color: rgb(217,  
100, 176) }
```

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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