

Converting Colors

CIELCh(59, 65.749, 327.845)

Have a look what the booklet for
CIELCh(59, 65.749, 327.845)
contains.

CIELCh(59, 65.813, 327.928)	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, 65.813, 327.928)

Conversions

Conversions Part 1

Format	Color
Hex	CF65CC
RGB	207, 101, 204
RGB Percent	81%, 40%, 80%
CMY	0.1872, 0.6030, 0.1990
CMYK	0.00, 0.51, 0.01, 0.19
HSL	302°, 53%, 60%
HSV	302°, 51%, 81%
XYZ	41.4094, 27.0277, 60.3162
YIQ	144.4360, 30.1130, 54.5050

Conversions

Conversions Part 2

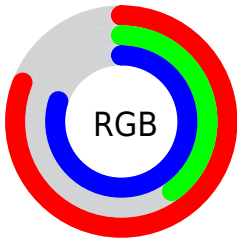
Format	Color
R _Y B	207, 101, 204
Decimal	13592012
CIE Lab	59.00, 55.77, -34.95
CIE LCh	59, 65.813, 327.928
Yxy	27.0277, 0.3216, 0.2099
Android (android.graphics.Color)	4291782092 (0xFFCF65CC)
YUV	144.4360, 29.3651, 54.8686
Hunter-Lab	51.9882, 51.1987, -32.3959

Details

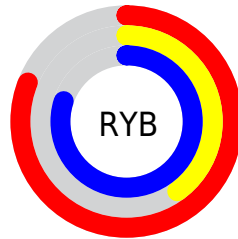
The CIELCh color **59, 65.813, 327.928** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **75, 66.247, 140.948**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **77, 61.517, 326.536**, and **39, 65.510, 328.004** is the 20% darker color. If you saturate the color by 10%, you get **56, 76.313, 328.362**, and if you desaturate by 10%, it is **63, 53.947, 327.441**.

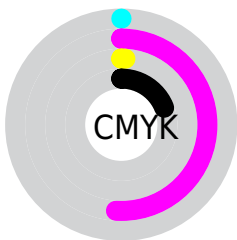
Distribution



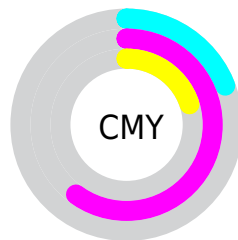
- Red (81%)
- Green (40%)
- Blue (80%)



- Red (81%)
- Yellow (40%)
- Blue (80%)



- Cyan (0%)
- Magenta (51%)
- Yellow (1%)
- Black (19%)





- Cyan (19%)
- Magenta (60%)
- Yellow (20%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 65.813, 327.928 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, 65.813, 327.928 by changing the saturation by 10% instead.


 59, 65.813,
327.928


 59, 65.813,
327.928


 100, 65.813,
327.928


 49, 65.813,
327.928


 79, 65.813,
327.928


 39, 65.813,
327.928

 89, 65.813,
327.928

 29, 65.813,
327.928

 99, 65.813,
327.928

 19, 65.813,
327.928

 9, 65.813, 327.928

 0, 65.813, 327.928

59, 65.813,
327.928

59, 65.813,
327.928

56, 76.313,
328.362

63, 53.947,
327.441

53, 84.934,
328.731

67, 41.221,
326.917

51, 91.239,
329.028

72, 28.046,
326.368

50, 95.027,
329.251

77, 14.738,
325.805

49, 96.656,
329.402

83, 1.517, 325.092

88, 11.473,
144.752

93, 24.143,
144.215

96, 29.195,
144.195

■ 96, 28.949,
144.535

Harmonies

Complementary

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



59, 65.813, 327.928



75, 66.247, 140.948

Rectangle

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



59, 65.813, 327.928



59, 65.813, 17.928



59, 65.813, 147.928



59, 65.813, 197.928

Sweetspot

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



59, 65.811, 327.928



91, 23.501, 326.034



48, 62.213, 298.106



47, 16.045, 326.154



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, 65.811, 327.928



67, 89.876, 328.386



57, 48.367, 350.230



41, 7.546, 325.705



40, 82.811, 329.385



6, 30.451, 328.751

Inverse Universe

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



59, 65.811, 327.928



67, 89.876, 328.386



76, 45.528, 159.093



41, 7.546, 325.705



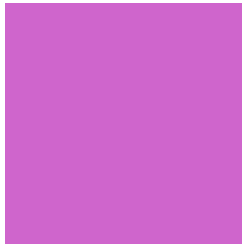
40, 82.811, 329.385



6, 30.451, 328.751

Previews

White Background



This preview shows how the CIELCh color 59, 65.813, 327.928 looks on a white background.

Color Contrast Check

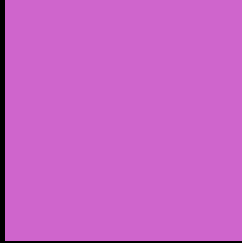
Large Text (above 18pt) WCAG AA ✓ Pass

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, 65.813, 327.928 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

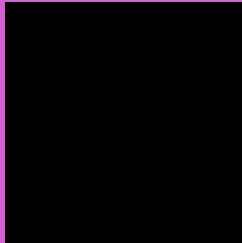
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 65.813, 327.928

Background



This preview shows how black text looks on a background with the CIELCh color 59, 65.813, 327.928.

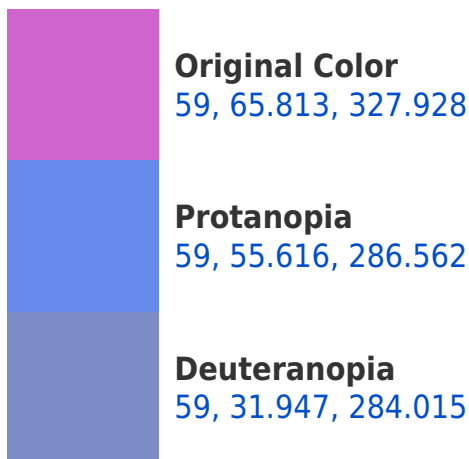


This preview shows how white text looks on a background with the CIELCh color 59, 65.813, 327.928.

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, 32.603, 14.504

Trichromacy



Original Color
59, 65.813, 327.928



Protanomaly
58, 57.104, 300.916



Deuteranomaly
58, 42.582, 306.641



Tritanomaly
59, 40.845, 348.798

Monochromacy



Original Color
59, 65.813, 327.928



Achromatopsia
60, 0.008, 296.813



Achromatomaly
59, 25.997, 326.387

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 65.813, 327.928 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(207, 101, 204)` looks like.

```
.text, #text, p{  
    color:rgb(207, 101, 204)  
}
```

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(207, 101, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 101, 204) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 65.813, 327.928 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(207, 101, 204) }
```

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

```
.border{ border-color:rgb(207, 101, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 101, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 101, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 101, 204);  
box-shadow:4px 4px 4px 4px rgb(207, 101,  
204) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 65.813, 327.928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 101, 204) }
```

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

```
.background{ background-color: rgb(207,  
101, 204) }
```

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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