

Converting Colors

CIELCh(59, 76.384, 328.127)

Have a look what the booklet for
CIELCh(59, 76.384, 328.127)
contains.

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Color

CIELCh(59, 76.225, 328.099)

Conversions

Conversions Part 1

Format	Color
Hex	D95BD6
RGB	217, 91, 214
RGB Percent	85%, 36%, 84%
CMY	0.1497, 0.6437, 0.1614
CMYK	0.00, 0.58, 0.01, 0.15
HSL	301°, 62%, 60%
HSV	301°, 58%, 85%
XYZ	44.4103, 27.0277, 66.3871
YIQ	142.6960, 35.6130, 64.9650

Conversions

Conversions Part 2

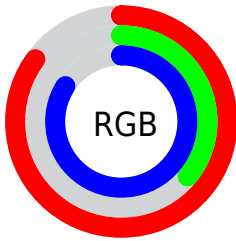
Format	Color
R _Y B	217, 91, 214
Decimal	14244822
CIE Lab	59.00, 64.71, -40.28
CIE LCh	59, 76.225, 328.099
Yxy	27.0277, 0.3222, 0.1961
Android (android.graphics.Color)	4292434902 (0xFFD95BD6)
YUV	142.6960, 35.1529, 65.1646
Hunter-Lab	51.9882, 61.5020, -39.3195

Details

The CIELCh color **59, 76.225, 328.099** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted magenta. A complement of this color would be **78, 77.061, 140.006**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **76, 66.782, 326.709**, and **39, 76.303, 328.025** is the 20% darker color. If you saturate the color by 10%, you get **56, 85.810, 328.481**, and if you desaturate by 10%, it is **63, 64.827, 327.653**.

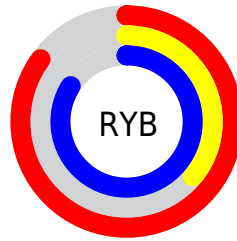
Distribution



Red (85%)

Green (36%)

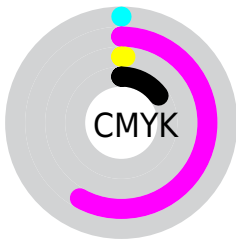
Blue (84%)



Red (85%)

Yellow (36%)

Blue (84%)

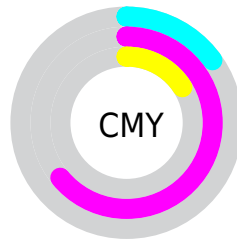


Cyan (0%)

Magenta (58%)

Yellow (1%)

Black (15%)



Cyan (15%)


Magenta (64%)


Yellow (16%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 59, 76.225, 328.099 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, 76.225, 328.099 by changing the saturation by 10% instead.


 59, 76.225,
328.099


 59, 76.225,
328.099


 100, 76.225,
328.099

 49, 76.225,
328.099


 79, 76.225,
328.099

 39, 76.225,
328.099

 89, 76.225,
328.099

 29, 76.225,
328.099

 99, 76.225,
328.099

 19, 76.225,
328.099

 9, 76.225, 328.099

 0, 76.225, 328.099

59, 76.225,
328.099

59, 76.225,
328.099

56, 85.810,
328.481

63, 64.827,
327.653

54, 93.099,
328.789

67, 52.170,
327.156

52, 97.795,
329.019

72, 38.750,
326.625

51, 100.040,
329.182

77, 24.970,
326.072

51, 100.349,
329.209

82, 11.128,
325.503

88, 2.570, 145.086

93, 15.993,
144.457

97, 23.404,
144.310

■ 97, 23.188,
144.681

Harmonies

Complementary

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



59, 76.225, 328.099



78, 77.061, 140.006

Rectangle

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



59, 76.225, 328.099



59, 76.225, 18.099



59, 76.225, 148.099



59, 76.225, 198.099

Sweetspot

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



59, 76.222, 328.099



90, 26.736, 326.019



45, 74.284, 299.563



46, 17.892, 326.132



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, 76.222, 328.099



65, 99.338, 328.567



57, 56.162, 351.442



43, 7.873, 325.581



41, 84.961, 329.194



7, 33.993, 328.960

Inverse Universe

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



59, 76.222, 328.099



65, 99.338, 328.567



79, 52.780, 158.032



43, 7.873, 325.581



41, 84.961, 329.194



7, 33.993, 328.960

Previews

White Background



This preview shows how the CIELCh color 59, 76.225, 328.099 looks on a white background.

Color Contrast Check

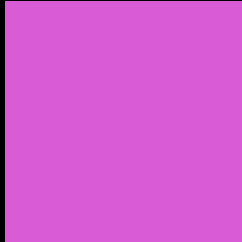
Large Text (above 18pt) WCAG AA ✓ Pass

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, 76.225, 328.099 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

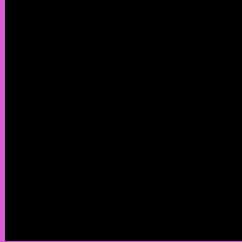
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 76.225, 328.099

Background



This preview shows how black text looks on a background with the CIELCh color 59, 76.225, 328.099.

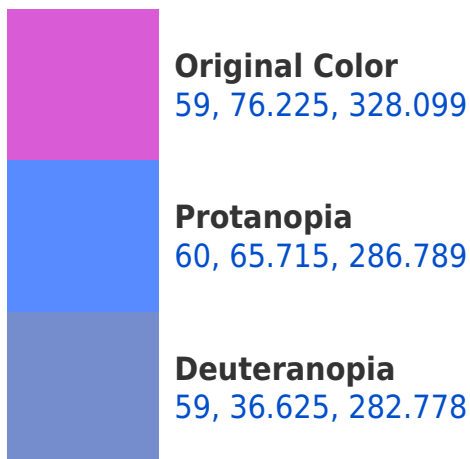


This preview shows how white text looks on a background with the CIELCh color 59, 76.225, 328.099.

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, 38.224, 16.654

Trichromacy



Original Color
59, 76.225, 328.099



Protanomaly
57, 67.744, 300.266



Deuteranomaly
58, 49.445, 306.433



Tritanomaly
58, 47.613, 349.541

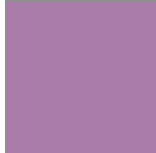
Monochromacy



Original Color
59, 76.225, 328.099



Achromatopsia
59, 0.008, 296.813



Achromatomaly
58, 30.662, 326.487

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 76.225, 328.099 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, 91, 214)` looks like.

```
.text, #text, p{  
    color:rgb(217, 91, 214)  
}
```

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, 91, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 91, 214) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 76.225, 328.099 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, 91, 214) }
```

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

```
.border{ border-color:rgb(217, 91, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 91, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 91, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 91, 214);  
box-shadow:4px 4px 4px 4px rgb(217, 91,  
214) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 76.225, 328.099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 91, 214) }
```

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

```
.background{ background-color: rgb(217, 91,  
214) }
```

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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