

Converting Colors

CIELCh(59, 71.274, 330.744)

Have a look what the booklet for
CIELCh(59, 71.274, 330.744)
contains.

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Color

CIELCh(59, 71.274, 330.744)

Conversions

Conversions Part 1

Format	Color
Hex	D95DCC
RGB	217, 93, 204
RGB Percent	85%, 36%, 80%
CMY	0.1481, 0.6344, 0.1991
CMYK	0.00, 0.57, 0.06, 0.15
HSL	306°, 62%, 61%
HSV	306°, 57%, 85%
XYZ	43.5473, 27.0277, 60.1916
YIQ	142.7300, 38.2730, 60.8090

Conversions

Conversions Part 2

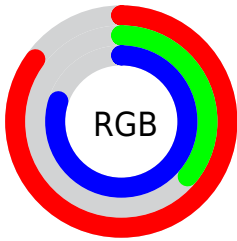
Format	Color
R_{YB}	217, 93, 204
Decimal	14245324
CIE _{Lab}	59.00, 62.18, -34.83
CIE _{LCh}	59, 71.274, 330.744
Yxy	27.0277, 0.3330, 0.2067
Android (android.graphics.Color)	4292435404 (0xFFD95DCC)
YUV	142.7300, 30.2061, 65.1348
Hunter-Lab	51.9882, 58.5390, -32.2538

Details

The CIELCh color **59, 71.274, 330.744** 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, 72.134, 142.260**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **76, 65.623, 326.671**, and **39, 71.175, 330.817** is the 20% darker color. If you saturate the color by 10%, you get **56, 80.527, 331.286**, and if you desaturate by 10%, it is **63, 60.311, 330.179**.

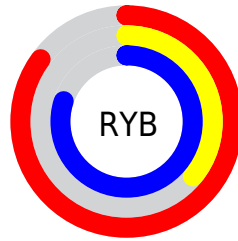
Distribution



Red (85%)

Green (36%)

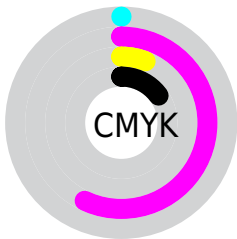
Blue (80%)



Red (85%)

Yellow (36%)

Blue (80%)

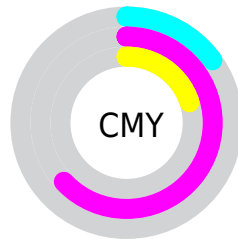


Cyan (0%)

Magenta (57%)

Yellow (6%)

Black (15%)



Cyan (15%)

Magenta (63%)

Yellow (20%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 71.274, 330.744 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, 71.274, 330.744 by changing the saturation by 10% instead.

 59, 71.274,
330.744

 59, 71.274,
330.744

 100, 71.274,
330.744


 49, 71.274,
330.744


 79, 71.274,
330.744

 39, 71.274,
330.744

 89, 71.274,
330.744

 29, 71.274,
330.744

 99, 71.274,
330.744

 19, 71.274,
330.744

 9, 71.274, 330.744

 0, 71.274, 330.744

59, 71.274,
330.744

59, 71.274,
330.744

56, 80.527,
331.286

63, 60.311,
330.179

53, 87.557,
331.804

67, 48.194,
329.596

51, 92.012,
332.308

72, 35.402,
329.002

51, 93.910,
332.813

77, 22.315,
328.404

50, 94.225,
332.961

83, 9.205, 327.799

88, 3.744, 147.339

94, 16.419,
146.723

97, 21.455,
147.506

■ 97, 20.541,
149.488

Harmonies

Complementary

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



59, 71.274, 330.744



78, 72.134, 142.260

Rectangle

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



59, 71.274, 330.744



59, 71.274, 20.744



59, 71.274, 150.744



59, 71.274, 200.744

Sweetspot

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



59, 71.271, 330.744



89, 25.291, 328.409



47, 72.820, 301.212



46, 16.926, 328.530



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, 71.271, 330.744



64, 92.277, 331.367



57, 53.568, 356.949



43, 7.445, 327.944



40, 79.742, 332.881



7, 32.109, 331.932

Inverse Universe

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



59, 71.271, 330.744



64, 92.277, 331.367



79, 48.297, 162.910



43, 7.445, 327.944



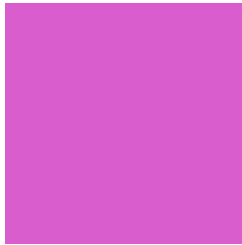
40, 79.742, 332.881



7, 32.109, 331.932

Previews

White Background



This preview shows how the CIELCh color 59, 71.274, 330.744 looks on a white background.

Color Contrast Check

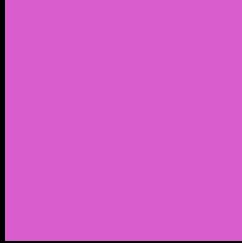
Large Text (above 18pt) WCAG AA ✓ Pass

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, 71.274, 330.744 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

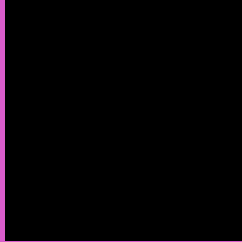
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 71.274, 330.744

Background



This preview shows how black text looks on a background with the CIELCh color 59, 71.274, 330.744.

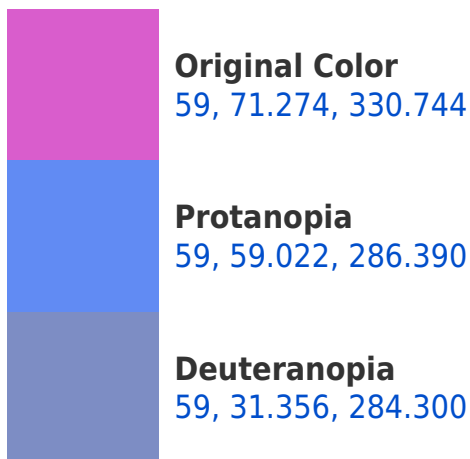


This preview shows how white text looks on a background with the CIELCh color 59, 71.274, 330.744.

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, 39.518, 17.098

Trichromacy



Original Color
59, 71.274, 330.744



Protanomaly
57, 61.174, 301.727



Deuteranomaly
58, 44.322, 309.860



Tritanomaly
58, 47.030, 352.311

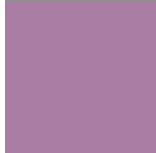
Monochromacy



Original Color
59, 71.274, 330.744



Achromatopsia
59, 0.008, 296.813



Achromatomaly
58, 28.229, 329.137

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 71.274, 330.744 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, 93, 204)` looks like.

```
.text, #text, p{  
    color:rgb(217, 93, 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(217, 93, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 93, 204) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 71.274, 330.744 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, 93, 204) }
```

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

```
.border{ border-color:rgb(217, 93, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 93, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 93, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 93, 204);  
box-shadow:4px 4px 4px 4px rgb(217, 93,  
204) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 71.274, 330.744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 93, 204) }
```

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

```
.background{ background-color: rgb(217, 93,  
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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