

Converting Colors

CIELCh(59, 74.301, 327.301)

Have a look what the booklet for
CIELCh(59, 74.301, 327.301)
contains.

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Color

CIELCh(59, 74.424, 327.295)

Conversions

Conversions Part 1

Format	Color
Hex	D65ED6
RGB	214, 94, 214
RGB Percent	84%, 37%, 84%
CMY	0.1621, 0.6327, 0.1621
CMYK	0.00, 0.56, 0.00, 0.16
HSL	300°, 59%, 60%
HSV	300°, 56%, 84%
XYZ	43.6974, 27.0277, 66.3061
YIQ	143.5600, 33.0000, 62.7600

Conversions

Conversions Part 2

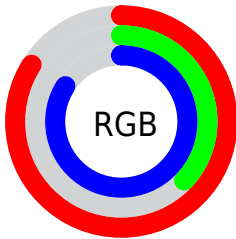
Format	Color
RYB	214, 94, 214
Decimal	14048982
CIELab	59.00, 62.63, -40.21
CIELCh	59, 74.424, 327.295
Yxy	27.0277, 0.3189, 0.1972
Android (android.graphics.Color)	4292239062 (0xFFD65ED6)
YUV	143.5600, 34.7269, 61.7759
Hunter-Lab	51.9882, 59.0545, -39.2271

Details

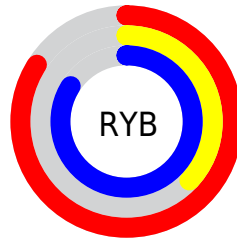
The CIELCh color **59, 74.424, 327.295** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted magenta. A complement of this color would be **77, 75.054, 139.657**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **76, 65.041, 326.652**, and **39, 74.479, 327.143** is the 20% darker color. If you saturate the color by 10%, you get **56, 84.464, 327.654**, and if you desaturate by 10%, it is **63, 62.688, 326.865**.

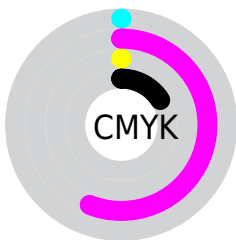
Distribution



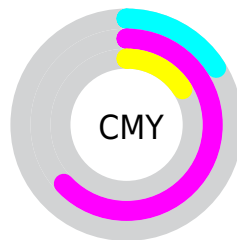
- Red (84%)
- Green (37%)
- Blue (84%)



- Red (84%)
- Yellow (37%)
- Blue (84%)



- Cyan (0%)
- Magenta (56%)
- Yellow (0%)
- Black (16%)




- Cyan (16%)
- Magenta (63%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 74.424, 327.295 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, 74.424, 327.295 by changing the saturation by 10% instead.


 59, 74.424,
327.295

 59, 74.424,
327.295


 100, 74.424,
327.295

 49, 74.424,
327.295

 79, 74.424,
327.295

 39, 74.424,
327.295

 89, 74.424,
327.295

 29, 74.424,
327.295

 99, 74.424,
327.295

 19, 74.424,
327.295

 9, 74.424, 327.295

 0, 74.424, 327.295

59, 74.424,
327.295

59, 74.424,
327.295

56, 84.464,
327.654

63, 62.688,
326.865

53, 92.313,
327.928

67, 49.798,
326.380

52, 97.638,
328.111

72, 36.230,
325.858

51, 100.432,
328.206

77, 22.365,
325.312

51, 101.128,
328.229

82, 8.482, 324.745

88, 5.228, 144.285

93, 18.643,
143.717

96, 25.877,
143.428

■ 96, 25.877,
143.427

Harmonies

Complementary

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



59, 74.424, 327.295



77, 75.054, 139.657

Rectangle

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



59, 74.424, 327.295



59, 74.424, 17.295



59, 74.424, 147.295



59, 74.424, 197.295

Sweetspot

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



59, 74.422, 327.295



90, 27.168, 325.368



46, 69.453, 298.213



46, 18.180, 325.480



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, 74.422, 327.295



66, 98.058, 327.701



57, 54.779, 348.957



42, 7.847, 324.934



41, 85.606, 328.229



6, 32.951, 328.040

Inverse Universe

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



55, 52.820, 26.527



60, 74.288, 29.740



78, 52.167, 156.629



42, 4.550, 19.922



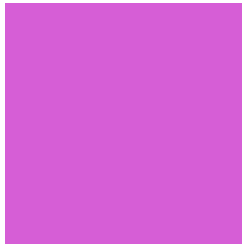
35, 77.345, 39.895



5, 22.000, 19.763

Previews

White Background



This preview shows how the CIELCh color 59, 74.424, 327.295 looks on a white background.

Color Contrast Check

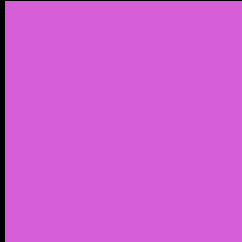
Large Text (above 18pt) WCAG AA ✓ Pass

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, 74.424, 327.295 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

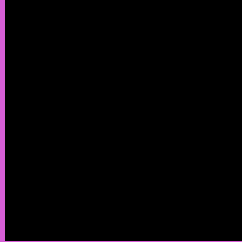
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 74.424, 327.295

Background



This preview shows how black text looks on a background with the CIELCh color 59, 74.424, 327.295.

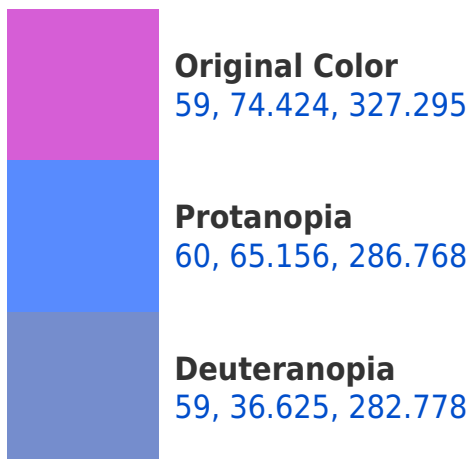


This preview shows how white text looks on a background with the CIELCh color 59, 74.424, 327.295.

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, 36.053, 15.866

Trichromacy



Original Color
59, 74.424, 327.295



Protanomaly
58, 65.958, 299.712



Deuteranomaly
58, 48.756, 305.773



Tritanomaly
59, 45.346, 348.620

Monochromacy



Original Color
59, 74.424, 327.295



Achromatopsia
59, 0.008, 296.813



Achromatomaly
58, 29.799, 325.831

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 74.424, 327.295 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(214, 94, 214)` looks like.

```
.text, #text, p{  
    color:rgb(214, 94, 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(214, 94, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 94, 214) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 74.424, 327.295 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(214, 94, 214) }
```

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

```
.border{ border-color:rgb(214, 94, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 94, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 94, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 94, 214);  
box-shadow:4px 4px 4px 4px rgb(214, 94,  
214) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 74.424, 327.295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 94, 214) }
```

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

```
.background{ background-color: rgb(214, 94,  
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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