

Converting Colors

CIELCh(59, 59.894, 324.352)

Have a look what the booklet for
CIELCh(59, 59.894, 324.352)
contains.

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Color

CIELCh(59, 59.894, 324.352)

Conversions

Conversions Part 1

Format	Color
Hex	C46DCC
RGB	196, 109, 204
RGB Percent	77%, 43%, 80%
CMY	0.2314, 0.5726, 0.2001
CMYK	0.04, 0.47, 0.00, 0.20
HSL	295°, 48%, 61%
HSV	295°, 47%, 80%
XYZ	39.1264, 27.0277, 60.2730
YIQ	145.8430, 21.3570, 47.9890

Conversions

Conversions Part 2

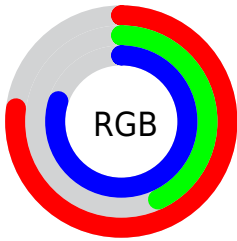
Format	Color
R _Y B	196, 109, 204
Decimal	12873164
CIE Lab	59.00, 48.67, -34.91
CIE LCh	59, 59.894, 324.352
Yxy	27.0277, 0.3095, 0.2138
Android (android.graphics.Color)	4291063244 (0xFFC46DCC)
YUV	145.8430, 28.6714, 43.9877
Hunter-Lab	51.9882, 43.3599, -32.3466

Details

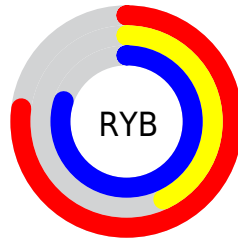
The CIELCh color $59, 59.894, 324.352$ is a light color, and the websafe version is hex `CC66CC`. A complement of this color would be $75, 59.644, 138.942$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $79, 57.189, 326.082$, and $39, 59.503, 324.400$ is the 20% darker color. If you saturate the color by 10%, you get $55, 71.282, 324.713$, and if you desaturate by 10%, it is $63, 47.532, 323.925$.

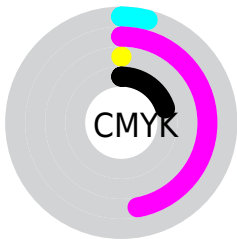
Distribution



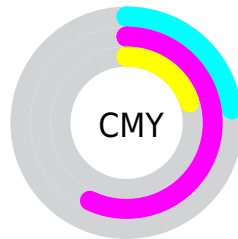
- Red (77%)
- Green (43%)
- Blue (80%)



- Red (77%)
- Yellow (43%)
- Blue (80%)



- Cyan (4%)
- Magenta (47%)
- Yellow (0%)
- Black (20%)





- Cyan (23%)
- Magenta (57%)
- Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 59, 59.894, 324.352 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, 59.894, 324.352 by changing the saturation by 10% instead.


 59, 59.894,
324.352


 59, 59.894,
324.352


 100, 59.894,
324.352


 49, 59.894,
324.352


 79, 59.894,
324.352

 39, 59.894,
324.352

 89, 59.894,
324.352

 29, 59.894,
324.352

 99, 59.894,
324.352

 19, 59.894,
324.352

 9, 59.894, 324.352

 0, 59.894, 324.352

59, 59.894,
324.352

59, 59.894,
324.352

55, 71.282,
324.713

63, 47.532,
323.925

52, 81.181,
324.981

68, 34.639,
323.456

49, 89.062,
325.130

73, 21.547,
322.963

47, 94.519,
325.138

79, 8.490, 322.451

84, 4.378, 142.047


46, 97.474,
324.998

89, 16.961,
141.533

45, 98.196,
324.934

95, 29.206,
141.076

96, 30.821,
140.251

 96, 30.491,
139.333

Harmonies

Complementary

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



59, 59.894, 324.352



75, 59.644, 138.942

Rectangle

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



59, 59.894, 324.352



59, 59.894, 14.352



59, 59.894, 144.352



59, 59.894, 194.352

Sweetspot

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



59, 59.892, 324.352



91, 21.795, 322.843



53, 49.440, 292.841



47, 15.064, 322.953



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, 59.892, 324.352



68, 84.543, 324.718



59, 46.729, 342.811



40, 7.346, 322.599



37, 84.148, 324.981



5, 28.194, 324.240

Inverse Universe

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



57, 40.265, 18.232



65, 59.118, 20.586



75, 45.520, 154.097



40, 4.389, 13.123



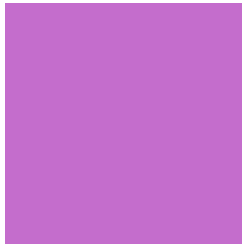
34, 72.191, 36.266



4, 17.975, 15.261

Previews

White Background



This preview shows how the CIELCh color 59, 59.894, 324.352 looks on a white background.

Color Contrast Check

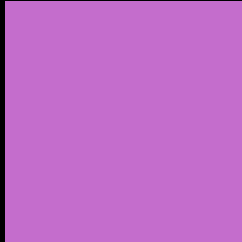
Large Text (above 18pt) WCAG AA ✓ Pass

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, 59.894, 324.352 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

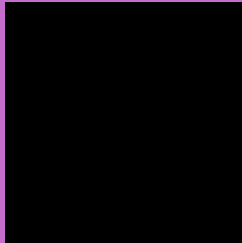
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 59.894, 324.352

Background



This preview shows how black text looks on a background with the CIELCh color 59, 59.894, 324.352.

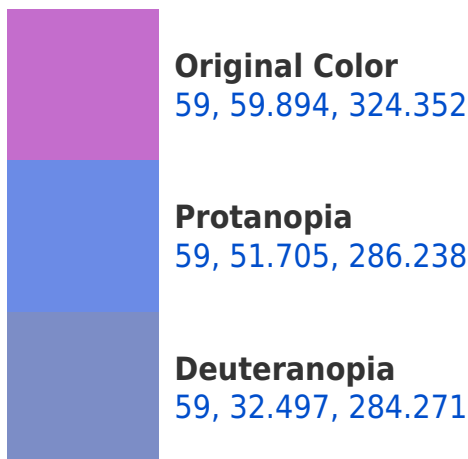


This preview shows how white text looks on a background with the CIELCh color 59, 59.894, 324.352.

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](#).

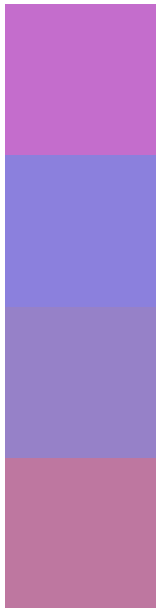
Dichromacy





Tritanopia
59, 25.859, 9.959

Trichromacy



Original Color
59, 59.894, 324.352

Protanomaly
58, 52.995, 299.361

Deuteranomaly
58, 41.079, 304.150

Tritanomaly
59, 35.218, 342.966

Monochromacy



Original Color
59, 59.894, 324.352

Achromatopsia
61, 0.008, 296.813

Achromatomaly
59, 22.503, 323.020

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 59.894, 324.352 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(196, 109, 204)` looks like.

```
.text, #text, p{  
    color:rgb(196, 109, 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(196, 109, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 109, 204) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 59.894, 324.352 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(196, 109, 204) }
```

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

```
.border{ border-color:rgb(196, 109, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 109, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 109, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 109, 204);  
box-shadow:4px 4px 4px 4px rgb(196, 109,  
204) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 59.894, 324.352 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 109, 204) }
```

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

```
.background{ background-color: rgb(196,  
109, 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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