

Converting Colors

CIELCh(59, 46.625, 334.700)

Have a look what the booklet for
CIELCh(59, 46.625, 334.700)
contains.

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Color

CIELCh(59, 46.844, 334.352)

Conversions

Conversions Part 1

Format	Color
Hex	C571B2
RGB	197, 113, 178
RGB Percent	77%, 44%, 70%
CMY	0.2261, 0.5556, 0.3006
CMYK	0.00, 0.43, 0.10, 0.23
HSL	314°, 42%, 61%
HSV	314°, 43%, 77%
XYZ	37.1284, 27.0277, 45.5560
YIQ	145.5260, 29.1990, 38.0230

Conversions

Conversions Part 2

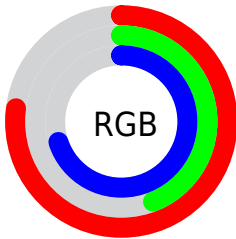
Format	Color
R _{YB}	197, 113, 178
Decimal	12939698
CIE _{Lab}	59.00, 42.23, -20.28
CIE _{LCh}	59, 46.844, 334.352
Yxy	27.0277, 0.3384, 0.2464
Android (android.graphics.Color)	4291129778 (0xFFC571B2)
YUV	145.5260, 16.0097, 45.1427
Hunter-Lab	51.9882, 36.4998, -15.5627

Details

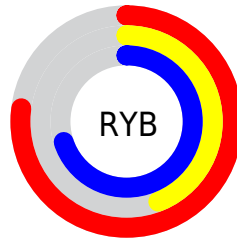
The CIELCh color $59, 46.844, 334.352$ is a light color, and the websafe version is hex `CC6699`. A complement of this color would be $73, 46.667, 147.846$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $79, 46.707, 334.286$, and $39, 46.464, 334.284$ is the 20% darker color. If you saturate the color by 10%, you get $55, 56.754, 335.119$, and if you desaturate by 10%, it is $63, 36.162, 333.622$.

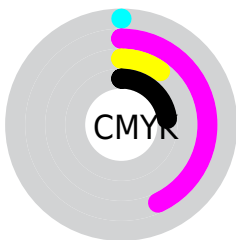
Distribution



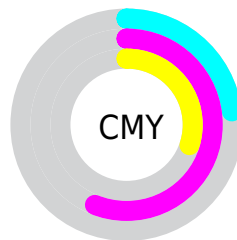
- Red (77%)
- Green (44%)
- Blue (70%)



- Red (77%)
- Yellow (44%)
- Blue (70%)



- Cyan (0%)
- Magenta (43%)
- Yellow (10%)
- Black (23%)





- Cyan (23%)
- Magenta (56%)
- Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 59, 46.844, 334.352 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, 46.844, 334.352 by changing the saturation by 10% instead.

 59, 46.844,
334.352

 59, 46.844,
334.352


 100, 46.844,
334.352

 49, 46.844,
334.352


 79, 46.844,
334.352

 39, 46.844,
334.352

 89, 46.844,
334.352

 29, 46.844,
334.352

 99, 46.844,
334.352

 19, 46.844,
334.352

 9, 46.844, 334.352

 0, 46.844, 334.352

59, 46.844,
334.352

59, 46.844,
334.352

55, 56.754,
335.119

63, 36.162,
333.622

51, 65.429,
335.933

68, 25.097,
332.921

49, 72.356,
336.816

73, 13.925,
332.243

46, 77.095,
337.800

78, 2.835, 331.516

45, 79.433,
338.932

84, 8.052, 151.056

45, 79.981,
339.867

89, 18.667,
150.454

94, 28.976,
149.898

95, 29.356,
152.146

■ 95, 27.676,
155.306

Harmonies

Complementary

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



59, 46.844, 334.352



73, 46.667, 147.846

Rectangle

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



59, 46.844, 334.352



59, 46.844, 24.352



59, 46.844, 154.352



59, 46.844, 204.352

Sweetspot

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



59, 46.841, 334.352



92, 17.730, 332.285



53, 49.072, 302.338



48, 12.421, 332.435



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, 46.841, 334.352



70, 67.918, 335.056



58, 35.991, 2.436



39, 6.306, 332.028



37, 69.621, 339.668



4, 21.929, 336.367

Inverse Universe

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



59, 46.841, 334.352



70, 67.918, 335.056



74, 31.423, 172.731



39, 6.306, 332.028



37, 69.621, 339.668



4, 21.929, 336.367

Previews

White Background



This preview shows how the CIELCh color 59, 46.844, 334.352 looks on a white background.

Color Contrast Check

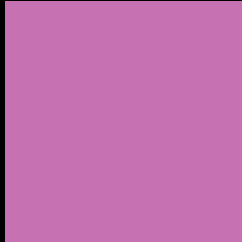
Large Text (above 18pt) WCAG AA ✓ Pass

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, 46.844, 334.352 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

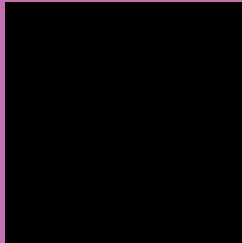
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 46.844, 334.352

Background



This preview shows how black text looks on a background with the CIELCh color 59, 46.844, 334.352.

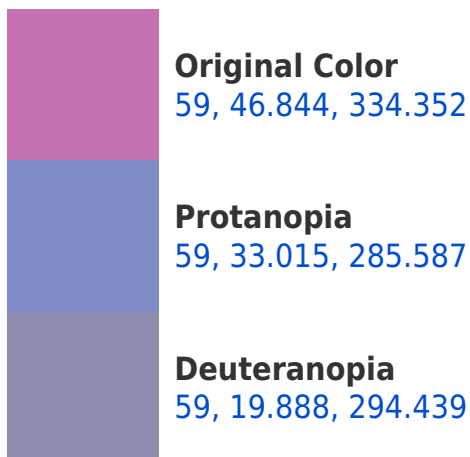


This preview shows how white text looks on a background with the CIELCh color 59, 46.844, 334.352.

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, 28.765, 12.763

Trichromacy



Original Color
59, 46.844, 334.352



Protanomaly
58, 35.551, 305.457



Deuteranomaly
59, 28.506, 316.002



Tritanomaly
59, 33.580, 353.666

Monochromacy



Original Color
59, 46.844, 334.352



Achromatopsia
61, 0.008, 296.813



Achromatomaly
59, 18.039, 332.627

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 46.844, 334.352 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(197, 113, 178)` looks like.

```
.text, #text, p{  
    color:rgb(197, 113, 178)  
}
```

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(197, 113, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 113, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 46.844, 334.352 is called "border". The border property can be set on classes, ids or directly on the HTML element.

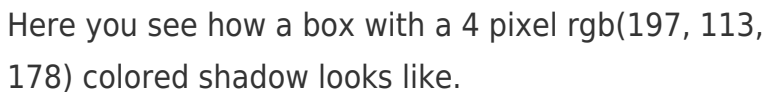
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 113, 178) }
```

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

```
.border{ border-color:rgb(197, 113, 178) }
```

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



Here you see how a box with a 4 pixel `rgb(197, 113, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 113, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 113, 178);  
box-shadow:4px 4px 4px 4px rgb(197, 113,  
178) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 46.844, 334.352 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 113, 178) }
```

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

```
.background{ background-color: rgb(197,  
113, 178) }
```

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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