

Converting Colors

CIELCh(59, 48.857, 315.201)

Have a look what the booklet for
CIELCh(59, 48.857, 315.201)
contains.

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Color

CIELCh(59, 48.850, 315.204)

Conversions

Conversions Part 1

Format	Color
Hex	AD7ACB
RGB	173, 122, 203
RGB Percent	68%, 48%, 80%
CMY	0.3224, 0.5224, 0.2048
CMYK	0.15, 0.40, 0.00, 0.20
HSL	278°, 44%, 64%
HSV	278°, 40%, 80%
XYZ	34.8708, 27.0277, 59.7378
YIQ	146.4830, 4.3950, 36.0030

Conversions

Conversions Part 2

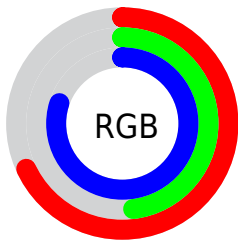
Format	Color
RYB	173, 122, 203
Decimal	11369163
CIELab	59.00, 34.66, -34.42
CIELCh	59, 48.850, 315.204
Yxy	27.0277, 0.2867, 0.2222
Android (android.graphics.Color)	4289559243 (0xFFAD7ACB)
YUV	146.4830, 27.8629, 23.2554
Hunter-Lab	51.9882, 28.7485, -31.7363

Details

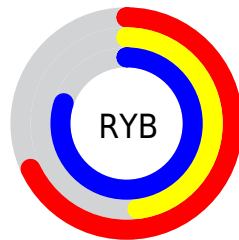
The CIELCh color $59, 48.850, 315.204$ is a light color, and the websafe version is hex `9966CC`. A complement of this color would be $76, 46.978, 131.583$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $79, 46.545, 316.694$, and $39, 48.532, 315.274$ is the 20% darker color. If you saturate the color by 10%, you get $54, 61.079, 315.613$, and if you desaturate by 10%, it is $64, 36.420, 314.759$.

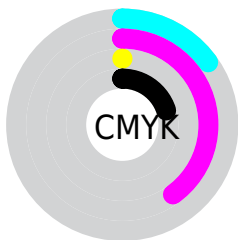
Distribution



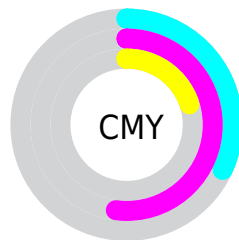
- Red (68%)
- Green (48%)
- Blue (80%)



- Red (68%)
- Yellow (48%)
- Blue (80%)



- Cyan (15%)
- Magenta (40%)
- Yellow (0%)
- Black (20%)



- Cyan (32%)
- Magenta (52%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 48.850, 315.204 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, 48.850, 315.204 by changing the saturation by 10% instead.

 59, 48.850,
315.204

 59, 48.850,
315.204

 100, 48.850,
315.204

 49, 48.850,
315.204

 79, 48.850,
315.204

 39, 48.850,
315.204

 89, 48.850,
315.204

 29, 48.850,
315.204

 99, 48.850,
315.204

 19, 48.850,
315.204

 9, 48.850, 315.204

 0, 48.850, 315.204

59, 48.850,
315.204

59, 48.850,
315.204

54, 61.079,
315.613

64, 36.420,
314.759

49, 72.735,
315.943

70, 24.037,
314.306

44, 83.279,
316.134

76, 11.848,
313.861

41, 92.039,
316.110

82, 0.066, 135.899

38, 98.337,
315.790

87, 11.661,
133.092

36, 102.176,
315.176

93, 22.922,
132.735

36, 102.199,
315.172

97, 28.691,
130.482

97, 27.709,
125.356

■ 98, 26.970,
119.814

Harmonies

Complementary

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



59, 48.850, 315.204



76, 46.978, 131.583

Rectangle

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



59, 48.850, 315.204



59, 48.850, 5.204



59, 48.850, 135.204



59, 48.850, 185.204

Sweetspot

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



59, 48.848, 315.204



92, 17.278, 313.960



63, 29.163, 273.763



48, 11.478, 314.018



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, 48.848, 315.204



68, 70.740, 315.564



62, 48.544, 330.145



40, 6.793, 313.838



29, 87.885, 315.325



3, 25.332, 311.835

Inverse Universe

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



61, 35.506, 355.854



70, 51.320, 357.324



75, 48.584, 144.633



40, 4.897, 352.080



35, 61.758, 14.041



4, 18.904, 1.197

Previews

White Background



This preview shows how the CIELCh color 59, 48.850, 315.204 looks on a white background.

Color Contrast Check

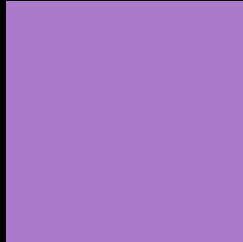
Large Text (above 18pt) WCAG AA ✓ Pass

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, 48.850, 315.204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

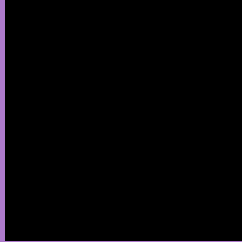
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 48.850, 315.204

Background



This preview shows how black text looks on a background with the CIELCh color 59, 48.850, 315.204.

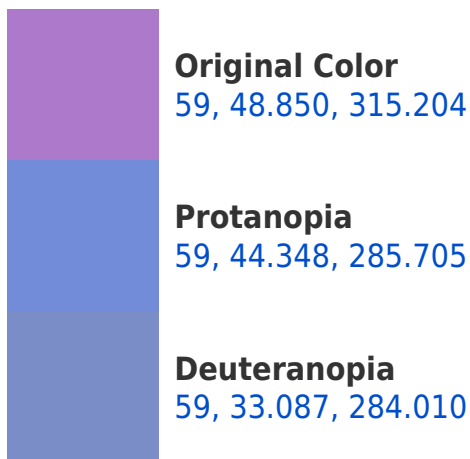


This preview shows how white text looks on a background with the CIELCh color 59, 48.850, 315.204.

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, 13.377, 353.239

Trichromacy



Original Color
59, 48.850, 315.204

Protanomaly
59, 44.860, 296.213

Deuteranomaly
59, 37.599, 297.719

Tritanomaly
59, 24.667, 326.367

Monochromacy



Original Color
59, 48.850, 315.204

Achromatopsia
61, 0.008, 296.813

Achromatomaly
60, 18.466, 314.329

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 48.850, 315.204 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(173, 122, 203)` looks like.

```
.text, #text, p{  
    color:rgb(173, 122, 203)  
}
```

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(173, 122, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 122, 203) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 48.850, 315.204 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(173, 122, 203) }
```

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

```
.border{ border-color:rgb(173, 122, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 122, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 122, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 122, 203);  
box-shadow:4px 4px 4px 4px rgb(173, 122,  
203) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 48.850, 315.204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 122, 203) }
```

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

```
.background{ background-color: rgb(173,  
122, 203) }
```

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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