

Converting Colors

CIELCh(59, 48.730, 318.881)

Have a look what the booklet for
CIELCh(59, 48.730, 318.881)
contains.

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Color

CIELCh(59, 48.774, 318.889)

Conversions

Conversions Part 1

Format	Color
Hex	B378C7
RGB	179, 120, 199
RGB Percent	70%, 47%, 78%
CMY	0.2992, 0.5305, 0.2207
CMYK	0.10, 0.40, 0.00, 0.22
HSL	285°, 41%, 62%
HSV	285°, 40%, 78%
XYZ	35.4832, 27.0277, 57.2033
YIQ	146.6470, 9.8050, 37.0770

Conversions

Conversions Part 2

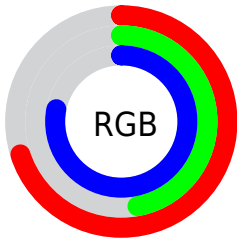
Format	Color
RYB	179, 120, 199
Decimal	11761863
CIELab	59.00, 36.75, -32.07
CIElCh	59, 48.774, 318.889
Yxy	27.0277, 0.2964, 0.2258
Android (android.graphics.Color)	4289951943 (0xFFB378C7)
YUV	146.6470, 25.8100, 28.3736
Hunter-Lab	51.9882, 30.8511, -28.8458

Details

The CIELCh color $59, 48.774, 318.889$ is a light color, and the websafe version is hex `9966CC`. A complement of this color would be $75, 47.646, 135.131$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $79, 48.525, 319.266$, and $39, 48.708, 318.863$ is the 20% darker color. If you saturate the color by 10%, you get $54, 60.716, 319.257$, and if you desaturate by 10%, it is $64, 36.459, 318.473$.

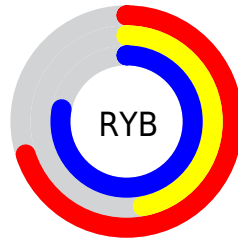
Distribution



Red (70%)

Green (47%)

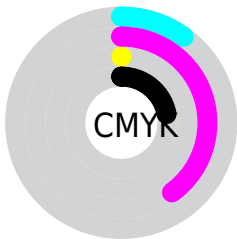
Blue (78%)



Red (70%)

Yellow (47%)

Blue (78%)

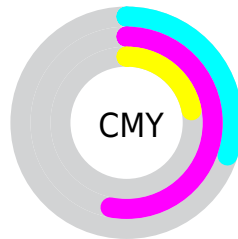


Cyan (10%)

Magenta (40%)

Yellow (0%)

Black (22%)



Cyan (30%)

Magenta (53%)

Yellow (22%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 48.774, 318.889 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, 48.774, 318.889 by changing the saturation by 10% instead.

 59, 48.774,
318.889

 59, 48.774,
318.889

 100, 48.774,
318.889


 49, 48.774,
318.889

 79, 48.774,
318.889

 39, 48.774,
318.889

 89, 48.774,
318.889

 29, 48.774,
318.889

 99, 48.774,
318.889

 19, 48.774,
318.889

 9, 48.774, 318.889

 0, 48.774, 318.889

59, 48.774,
318.889

59, 48.774,
318.889

54, 60.716,
319.257

64, 36.459,
318.473

50, 71.881,
319.539

69, 24.064,
318.036

46, 81.736,
319.689

75, 11.774,
317.592

43, 89.679,
319.650

80, 0.296, 137.838

40, 95.185,
319.369

86, 12.079,
136.802

39, 98.372,
318.855

91, 23.542,
136.419

39, 98.447,
318.842

96, 32.383,
135.616

96, 31.546,
132.815

■ 97, 30.785,
129.828

Harmonies

Complementary

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



59, 48.774, 318.889



75, 47.646, 135.131

Rectangle

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



59, 48.774, 318.889



59, 48.774, 8.889



59, 48.774, 138.889



59, 48.774, 188.889

Sweetspot

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



59, 48.772, 318.889



92, 17.793, 317.701



59, 33.182, 282.457



48, 11.817, 317.759



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, 48.772, 318.889



69, 71.801, 319.222



61, 43.912, 334.425



39, 6.854, 317.576



31, 85.013, 318.962



3, 23.942, 316.012

Inverse Universe

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



59, 33.459, 4.155



70, 49.807, 5.858



74, 43.690, 148.405



39, 4.517, 0.109



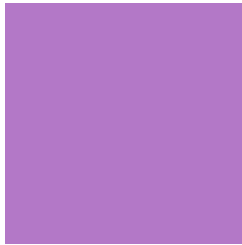
34, 64.126, 24.619



4, 16.345, 6.519

Previews

White Background



This preview shows how the CIELCh color 59, 48.774, 318.889 looks on a white background.

Color Contrast Check

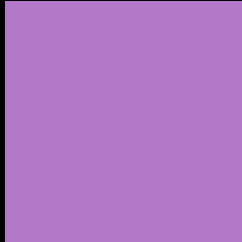
Large Text (above 18pt) WCAG AA ✓ Pass

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, 48.774, 318.889 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

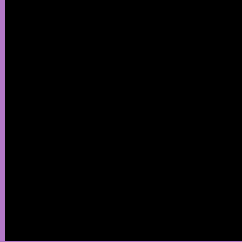
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 48.774, 318.889

Background



This preview shows how black text looks on a background with the CIELCh color 59, 48.774, 318.889.

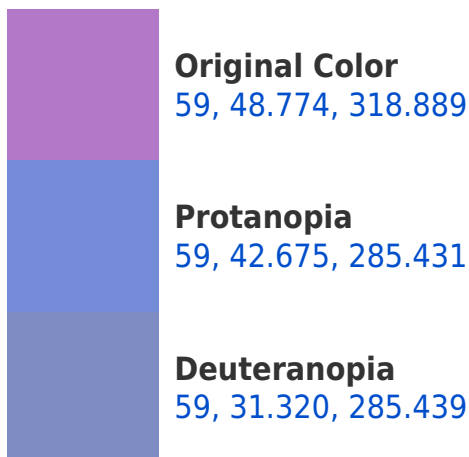


This preview shows how white text looks on a background with the CIELCh color 59, 48.774, 318.889.

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, 16.167, 0.849

Trichromacy



Original Color
59, 48.774, 318.889

Protanomaly
59, 43.215, 297.331

Deuteranomaly
59, 36.100, 300.373

Tritanomaly
59, 26.057, 332.987

Monochromacy



Original Color
59, 48.774, 318.889

Achromatopsia
61, 0.008, 296.813

Achromatomaly
60, 18.432, 318.297

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 48.774, 318.889 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(179, 120, 199)` looks like.

```
.text, #text, p{  
    color:rgb(179, 120, 199)  
}
```

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(179, 120, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 120, 199) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 48.774, 318.889 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(179, 120, 199) }
```

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

```
.border{ border-color:rgb(179, 120, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 120, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 120, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 120, 199);  
box-shadow:4px 4px 4px 4px rgb(179, 120,  
199) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 48.774, 318.889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 120, 199) }
```

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

```
.background{ background-color: rgb(179,  
120, 199) }
```

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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