

Converting Colors

CIELCh(50, 59.878, 309.617)

Have a look what the booklet for
CIELCh(50, 59.878, 309.617)
contains.

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Color

CIELCh(50, 59.595, 309.488)

Conversions

Conversions Part 1

Format	Color
Hex	8D62C6
RGB	141, 98, 198
RGB Percent	55%, 38%, 78%
CMY	0.4478, 0.6163, 0.2243
CMYK	0.29, 0.51, 0.00, 0.22
HSL	266°, 47%, 58%
HSV	266°, 51%, 78%
XYZ	25.4761, 18.4187, 55.5247
YIQ	122.2570, -6.4720, 40.2160

Conversions

Conversions Part 2

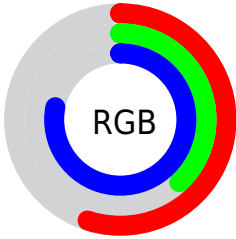
Format	Color
RYB	141, 98, 198
Decimal	9265862
CIELab	50.00, 37.90, -45.99
CIELCh	50, 59.595, 309.488
Yxy	18.4187, 0.2562, 0.1853
Android (android.graphics.Color)	4287455942 (0xFF8D62C6)
YUV	122.2570, 37.3413, 16.4376
Hunter-Lab	42.9170, 30.8555, -46.6658

Details

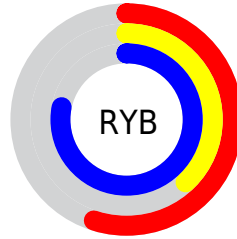
The CIELCh color **50, 59.595, 309.488** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **75, 54.561, 124.171**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **70, 59.337, 309.493**, and **30, 59.602, 309.584** is the 20% darker color. If you saturate the color by 10%, you get **45, 71.575, 310.090**, and if you desaturate by 10%, it is **56, 47.395, 308.851**.

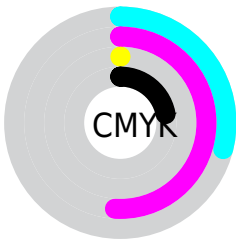
Distribution



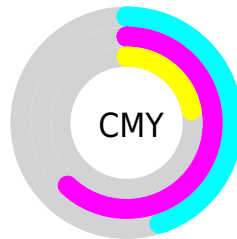
- Red (55%)
- Green (38%)
- Blue (78%)



- Red (55%)
- Yellow (38%)
- Blue (78%)



- Cyan (29%)
- Magenta (51%)
- Yellow (0%)
- Black (22%)



- Cyan (45%)
- Magenta (62%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 50, 59.595, 309.488 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 50, 59.595, 309.488 by changing the saturation by 10% instead.

 50, 59.595,
309.488

 50, 59.595,
309.488

 100, 59.595,
309.488

 40, 59.595,
309.488

 70, 59.595,
309.488

 30, 59.595,
309.488

 80, 59.595,
309.488

 20, 59.595,
309.488

 90, 59.595,
309.488

 10, 59.595,
309.488

 0, 59.595, 309.488

 50, 59.595,
309.488

 50, 59.595,
309.488

45, 71.575,
310.090

56, 47.395,
308.851

40, 82.840,
310.581

62, 35.273,
308.224

35, 92.638,
310.853

68, 23.390,
307.633

32, 100.045,
310.771

73, 11.823,
307.088

29, 104.673,
310.371

79, 0.608, 306.455

85, 10.249,
126.186

91, 20.754,
125.801

97, 30.299,
125.082

98, 29.267,
117.346

Harmonies

Complementary

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



50, 59.595, 309.488



75, 54.561, 124.171

Rectangle

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



50, 59.595, 309.488



50, 59.595, 359.488



50, 59.595, 129.488



50, 59.595, 179.488

Sweetspot

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



50, 59.594, 309.488



89, 20.821, 307.337



62, 28.291, 254.835



46, 14.252, 307.454



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



50, 59.594, 309.488



56, 88.601, 310.166



56, 62.989, 324.528



39, 6.377, 307.028



24, 90.602, 310.525



2, 22.118, 303.490

Inverse Universe

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



55, 48.279, 344.924



65, 69.494, 346.548



72, 62.788, 138.614



39, 5.457, 340.746



35, 61.920, 355.170



4, 18.632, 348.658

Previews

White Background



This preview shows how the CIELCh color 50, 59.595, 309.488 looks on a white background.

Color Contrast Check

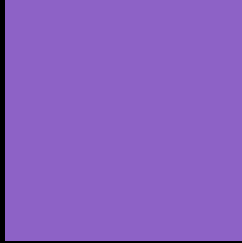
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIE LCh color 50, 59.595, 309.488 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

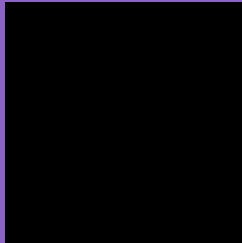
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 50, 59.595, 309.488

Background



This preview shows how black text looks on a background with the CIELCh color 50, 59.595, 309.488.



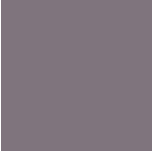
This preview shows how white text looks on a background with the CIELCh color 50, 59.595, 309.488.

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
50, 6.888, 330.377

Trichromacy



Original Color
50, 59.595, 309.488

Protanomaly
50, 58.358, 293.867

Deuteranomaly
50, 48.533, 291.480

Tritanomaly
50, 26.149, 311.955

Monochromacy



Original Color
50, 59.595, 309.488

Achromatopsia
51, 0.007, 296.813

Achromatomaly
50, 22.542, 307.926

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 50, 59.595, 309.488 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(141, 98, 198)` looks like.

```
.text, #text, p{  
    color:rgb(141, 98, 198)  
}
```

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(141, 98, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 98, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 50, 59.595, 309.488 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(141, 98, 198) }
```

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

```
.border{ border-color:rgb(141, 98, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 98, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 98, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 98, 198);  
box-shadow:4px 4px 4px 4px rgb(141, 98,  
198) }
```

Background

The CSS property to change the background color of an element to CIELCh 50, 59.595, 309.488 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 98, 198) }
```

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

```
.background{ background-color: rgb(141, 98,  
198) }
```

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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