

Converting Colors

CIELCh(62, 35.599, 304.118)

Have a look what the booklet for
CIELCh(62, 35.599, 304.118)
contains.

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Color

CIELCh(62, 35.558, 304.107)

Conversions

Conversions Part 1

Format	Color
Hex	9F8CCA
RGB	159, 140, 202
RGB Percent	62%, 55%, 79%
CMY	0.3764, 0.4509, 0.2077
CMYK	0.21, 0.31, 0.00, 0.21
HSL	258°, 37%, 67%
HSV	258°, 31%, 79%
XYZ	34.3488, 30.4025, 59.9517
YIQ	152.7490, -8.5780, 23.3100

Conversions

Conversions Part 2

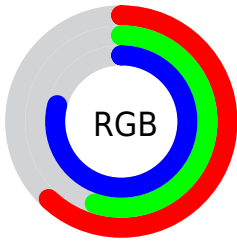
Format	Color
RYB	159, 140, 202
Decimal	10456266
CIELab	62.00, 19.94, -29.44
CIElCh	62, 35.558, 304.107
Yxy	30.4025, 0.2754, 0.2438
Android (android.graphics.Color)	4288646346 (0xFF9F8CCA)
YUV	152.7490, 24.2807, 5.4821
Hunter-Lab	55.1385, 14.7051, -25.8687

Details

The CIELCh color **62, 35.558, 304.107** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **79, 33.451, 120.286**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 33.199, 304.348**, and **42, 35.587, 303.758** is the 20% darker color. If you saturate the color by 10%, you get **56, 47.896, 304.943**, and if you desaturate by 10%, it is **68, 23.564, 303.348**.

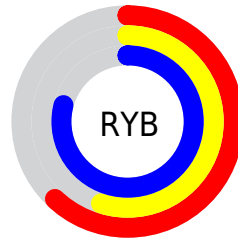
Distribution



Red (62%)

Green (55%)

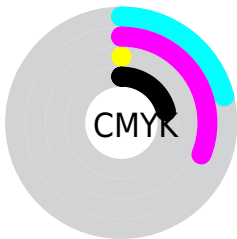
Blue (79%)



Red (62%)

Yellow (55%)

Blue (79%)

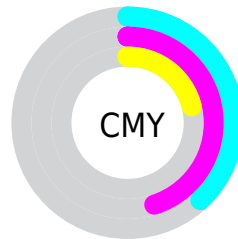


Cyan (21%)

Magenta (31%)

Yellow (0%)

Black (21%)



Cyan (38%)


Magenta (45%)


Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 35.558, 304.107 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 62, 35.558, 304.107 by changing the saturation by 10% instead.


 62, 35.558,
304.107


 62, 35.558,
304.107


 100, 35.558,
304.107


 52, 35.558,
304.107


 82, 35.558,
304.107

 42, 35.558,
304.107

 92, 35.558,
304.107

 32, 35.558,
304.107

 22, 35.558,
304.107

 12, 35.558,
304.107

 2, 35.558, 304.107

 0, 35.558, 304.107

62, 35.558,
304.107

62, 35.558,
304.107

56, 47.896,
304.943

68, 23.564,
303.348

50, 60.464,
305.838

75, 11.965,
302.671

44, 73.007,
306.745

81, 0.766, 302.015

38, 85.035,
307.582

87, 10.040,
121.570

34, 95.718,
308.217

93, 20.472,
121.119

30, 103.910,
308.473

98, 27.137,
117.569

28, 108.921,
308.356

99, 26.721,
108.149

Harmonies

Complementary

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



62, 35.558, 304.107



79, 33.451, 120.286

Rectangle

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



62, 35.558, 304.107



62, 35.558, 354.107



62, 35.558, 124.107



62, 35.558, 174.107

Sweetspot

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



62, 35.556, 304.107



93, 12.138, 302.572



72, 17.271, 234.618



49, 8.456, 302.665



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



62, 35.556, 304.107



72, 52.361, 304.669



65, 38.593, 320.164



40, 6.386, 302.589



22, 93.867, 308.486



2, 23.902, 300.338

Inverse Universe

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



66, 32.890, 336.783



77, 47.744, 337.351



77, 38.063, 137.191



40, 6.081, 335.157



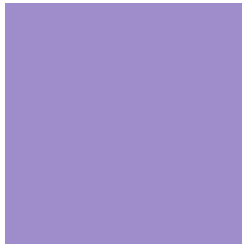
37, 66.695, 345.180



4, 22.619, 341.150

Previews

White Background



This preview shows how the CIELCh color 62, 35.558, 304.107 looks on a white background.

Color Contrast Check

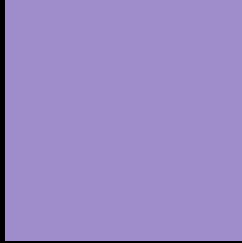
Large Text (above 18pt) WCAG AA × Fail

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 62, 35.558, 304.107 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

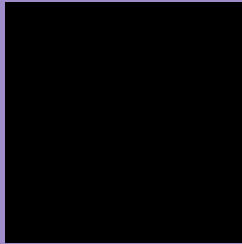
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 35.558, 304.107

Background



This preview shows how black text looks on a background with the CIELCh color 62, 35.558, 304.107.



This preview shows how white text looks on a background with the CIELCh color 62, 35.558, 304.107.

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



Original Color


62, 35.558, 304.107

Protanopia

62, 33.833, 285.256

Deuteranopia

62, 29.305, 285.683



Tritanopia
62, 6.855, 300.376

Trichromacy



Original Color
62, 35.558, 304.107

Protanomaly
62, 34.247, 292.209

Deuteranomaly
62, 31.461, 292.939

Tritanomaly
62, 17.246, 302.857

Monochromacy



Original Color
62, 35.558, 304.107

Achromatopsia
63, 0.008, 296.813

Achromatomaly
63, 13.201, 302.763

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 35.558, 304.107 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(159, 140, 202)` looks like.

```
.text, #text, p{  
    color:rgb(159, 140, 202)  
}
```

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(159, 140, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 140, 202) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 35.558, 304.107 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(159, 140, 202) }
```

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

```
.border{ border-color:rgb(159, 140, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 140, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(159, 140, 202); -webkit-box-shadow:4px 4px 4px 4px rgb(159, 140, 202); box-shadow:4px 4px 4px 4px rgb(159, 140, 202) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 35.558, 304.107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 140, 202) }
```

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

```
.background{ background-color: rgb(159,  
140, 202) }
```

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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