

Converting Colors

CIELCh(62, 40.900, 303.696)

Have a look what the booklet for
CIELCh(62, 40.900, 303.696)
contains.

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Color

CIELCh(62, 40.552, 303.552)

Conversions

Conversions Part 1

Format	Color
Hex	9F8BD2
RGB	159, 139, 210
RGB Percent	62%, 55%, 82%
CMY	0.3773, 0.4556, 0.1773
CMYK	0.24, 0.34, 0.00, 0.18
HSL	257°, 44%, 68%
HSV	257°, 34%, 82%
XYZ	35.0696, 30.4025, 64.8565
YIQ	153.0740, -10.8710, 26.3210

Conversions

Conversions Part 2

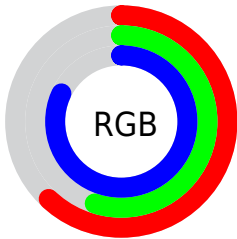
Format	Color
R_{YB}	159, 139, 210
Decimal	10456018
CIE _{Lab}	62.00, 22.41, -33.80
CIE _{LCh}	62, 40.552, 303.552
Yxy	30.4025, 0.2691, 0.2333
Android (android.graphics.Color)	4288646098 (0xFF9F8BD2)
YUV	153.0740, 28.0645, 5.1971
Hunter-Lab	55.1385, 17.0386, -31.1427

Details

The CIELCh color $62, 40.552, 303.552$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $81, 37.782, 119.091$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 33.877, 305.305$, and $42, 40.337, 303.515$ is the 20% darker color. If you saturate the color by 10%, you get $56, 53.381, 304.467$, and if you desaturate by 10%, it is $69, 28.073, 302.721$.

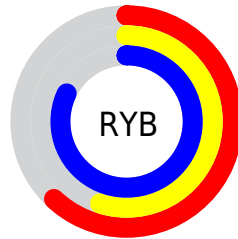
Distribution



Red (62%)

Green (55%)

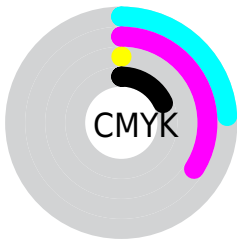
Blue (82%)



Red (62%)

Yellow (55%)

Blue (82%)

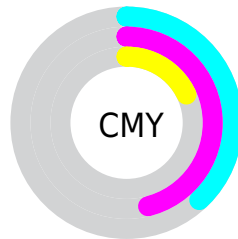


Cyan (24%)

Magenta (34%)

Yellow (0%)

Black (18%)



Cyan (38%)


Magenta (46%)


Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 40.552, 303.552 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, 40.552, 303.552 by changing the saturation by 10% instead.


 62, 40.552,
303.552


 62, 40.552,
303.552


 100, 40.552,
303.552


 52, 40.552,
303.552


 82, 40.552,
303.552

 42, 40.552,
303.552

 92, 40.552,
303.552

 32, 40.552,
303.552

 22, 40.552,
303.552

 12, 40.552,
303.552

 2, 40.552, 303.552

 0, 40.552, 303.552

62, 40.552,
303.552

62, 40.552,
303.552

56, 53.381,
304.467

69, 28.073,
302.721

49, 66.414,
305.441

75, 16.006,
301.981

43, 79.330,
306.417

82, 4.363, 301.325

38, 91.513,
307.295

88, 6.865, 120.776

95, 17.696,
120.284

33, 101.957,
307.915

99, 22.955,
113.802

30, 109.381,
308.086

99, 22.833,
108.447

28, 112.541,
308.022

Harmonies

Complementary

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



62, 40.552, 303.552



81, 37.782, 119.091

Rectangle

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



62, 40.552, 303.552



62, 40.552, 353.552



62, 40.552, 123.552



62, 40.552, 173.552

Sweetspot

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



62, 40.551, 303.552



92, 13.467, 301.728



74, 19.408, 230.393



48, 9.211, 301.823



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, 40.551, 303.552



69, 58.287, 304.243



65, 43.571, 319.271



41, 6.496, 301.681



22, 95.344, 308.156



2, 25.932, 300.328

Inverse Universe

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



66, 37.982, 335.974



75, 53.578, 336.597



79, 42.782, 136.050



41, 6.317, 334.151



37, 68.522, 343.413



5, 25.042, 339.883

Previews

White Background



This preview shows how the CIELCh color 62, 40.552, 303.552 looks on a white background.

Color Contrast Check

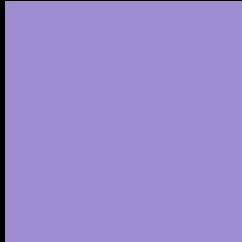
Large Text (above 18pt) WCAG AA × Fail

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, 40.552, 303.552 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

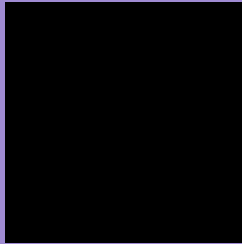
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 40.552, 303.552

Background



This preview shows how black text looks on a background with the CIELCh color 62, 40.552, 303.552.



This preview shows how white text looks on a background with the CIELCh color 62, 40.552, 303.552.

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
62, 6.195, 294.332

Trichromacy



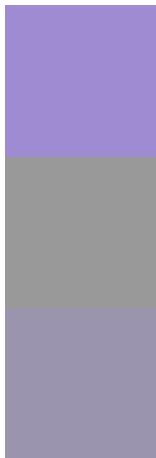
Original Color
62, 40.552, 303.552

Protanomaly
62, 38.706, 291.506

Deuteranomaly
62, 35.919, 291.963

Tritanomaly
62, 18.839, 300.906

Monochromacy



Original Color
62, 40.552, 303.552

Achromatopsia
63, 0.008, 296.813

Achromatomaly
63, 14.851, 301.598

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 40.552, 303.552 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, 139, 210)` looks like.

```
.text, #text, p{  
    color:rgb(159, 139, 210)  
}
```

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, 139, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 139, 210) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 40.552, 303.552 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, 139, 210) }
```

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

```
.border{ border-color:rgb(159, 139, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 139, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 139, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 139, 210);  
box-shadow:4px 4px 4px 4px rgb(159, 139,  
210) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 40.552, 303.552 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 139, 210) }
```

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

```
.background{ background-color: rgb(159,  
139, 210) }
```

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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