

Converting Colors

CIELCh(62, 28.775, 302.386)

Have a look what the booklet for
CIELCh(62, 28.775, 302.386)
contains.

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Color

CIELCh(62, 28.552, 302.131)

Conversions

Conversions Part 1

Format	Color
Hex	9C8FC1
RGB	156, 143, 193
RGB Percent	61%, 56%, 76%
CMY	0.3897, 0.4406, 0.2446
CMYK	0.19, 0.26, 0.00, 0.24
HSL	256°, 29%, 66%
HSV	256°, 26%, 76%
XYZ	32.9918, 30.4025, 54.3607
YIQ	152.5870, -8.3020, 18.3060

Conversions

Conversions Part 2

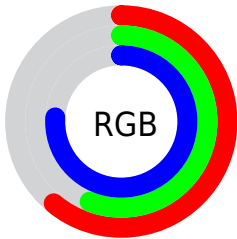
Format	Color
RYB	156, 143, 193
Decimal	10260417
CIELab	62.00, 15.19, -24.18
CIELCh	62, 28.552, 302.131
Yxy	30.4025, 0.2802, 0.2582
Android (android.graphics.Color)	4288450497 (0xFF9C8FC1)
YUV	152.5870, 19.9236, 2.9932
Hunter-Lab	55.1385, 10.3120, -19.8567

Details

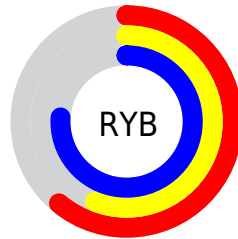
The CIELCh color $62, 28.552, 302.131$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $76, 27.068, 118.692$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 28.613, 301.920$, and $42, 28.176, 301.989$ is the 20% darker color. If you saturate the color by 10%, you get $56, 40.256, 303.017$, and if you desaturate by 10%, it is $68, 17.232, 301.342$.

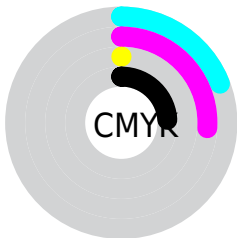
Distribution



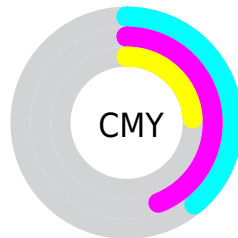
- Red (61%)
- Green (56%)
- Blue (76%)



- Red (61%)
- Yellow (56%)
- Blue (76%)



- Cyan (19%)
- Magenta (26%)
- Yellow (0%)
- Black (24%)





- Cyan (39%)
- Magenta (44%)
- Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 28.552, 302.131 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, 28.552, 302.131 by changing the saturation by 10% instead.


 62, 28.552,
302.131


 62, 28.552,
302.131


 100, 28.552,
302.131


 52, 28.552,
302.131


 82, 28.552,
302.131

 42, 28.552,
302.131

 92, 28.552,
302.131

 32, 28.552,
302.131

 22, 28.552,
302.131

 12, 28.552,
302.131

 2, 28.552, 302.131

 0, 28.552, 302.131

62, 28.552,
302.131

62, 28.552,
302.131

56, 40.256,
303.017

68, 17.232,
301.342

50, 52.291,
303.993

74, 6.314, 300.648

44, 64.500,
305.030

80, 4.212, 120.060

38, 76.554,
306.067

86, 14.363,
119.535

33, 87.824,
306.989

93, 24.159,
119.085

29, 97.294,
307.626

98, 31.892,
117.198

26, 103.765,
307.789

99, 31.408,
107.788

25, 105.874,

307.820

Harmonies

Complementary

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



62, 28.552, 302.131



76, 27.068, 118.692

Rectangle

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



62, 28.552, 302.131



62, 28.552, 352.131



62, 28.552, 122.131



62, 28.552, 172.131

Sweetspot

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



62, 28.550, 302.130



92, 10.533, 300.792



71, 14.291, 227.204



48, 7.504, 300.895



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



62, 28.550, 302.130



75, 42.561, 302.610



64, 30.977, 318.406



38, 6.085, 300.876



20, 92.411, 307.931



2, 19.681, 298.121

Inverse Universe

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



65, 27.634, 334.465



79, 40.753, 334.875



74, 30.501, 136.038



38, 6.026, 333.292



36, 67.231, 341.845



4, 18.926, 337.876

Previews

White Background



This preview shows how the CIELCh color 62, 28.552, 302.131 looks on a white background.

Color Contrast Check

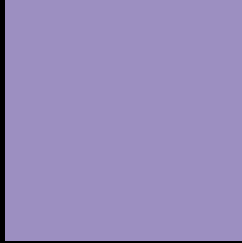
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 62, 28.552, 302.131 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

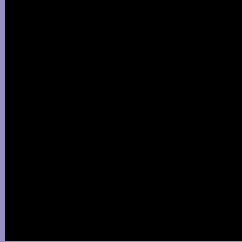
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 28.552, 302.131

Background



This preview shows how black text looks on a background with the CIELCh color 62, 28.552, 302.131.



This preview shows how white text looks on a background with the CIELCh color 62, 28.552, 302.131.

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, 28.552, 302.131

Protanopia

62, 27.619, 285.633

Deuteranopia

62, 25.286, 289.091



Tritanopia
62, 6.195, 294.332

Trichromacy



Original Color
62, 28.552, 302.131

Protanomaly
62, 27.522, 291.741

Deuteranomaly
62, 26.457, 294.485

Tritanomaly
62, 14.200, 299.052

Monochromacy



Original Color
62, 28.552, 302.131

Achromatopsia
63, 0.008, 296.813

Achromatomaly
63, 10.230, 299.577

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 28.552, 302.131 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(156, 143, 193)` looks like.

```
.text, #text, p{  
    color:rgb(156, 143, 193)  
}
```

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(156, 143, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 143, 193) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 28.552, 302.131 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(156, 143, 193) }
```

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

```
.border{ border-color:rgb(156, 143, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 143, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 143, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 143, 193);  
box-shadow:4px 4px 4px 4px rgb(156, 143,  
193) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 28.552, 302.131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 143, 193) }
```

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

```
.background{ background-color: rgb(156,  
143, 193) }
```

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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