

Converting Colors

CIELCh(62, 27.070, 313.266)

Have a look what the booklet for
CIELCh(62, 27.070, 313.266)
contains.

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Color

CIELCh(62, 27.168, 313.533)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | A78CB9 |
| RGB | 167, 140, 185 |
| RGB Percent | 65%, 55%, 73% |
| CMY | 0.3457, 0.4516, 0.2752 |
| CMYK | 0.10, 0.24, 0.00, 0.28 |
| HSL | 276°, 24%, 64% |
| HSV | 276°, 24%, 72% |
| XYZ | 33.9952, 30.4025, 49.8822 |
| YIQ | 153.2030, 1.6470, 19.7190 |

Conversions

Conversions Part 2

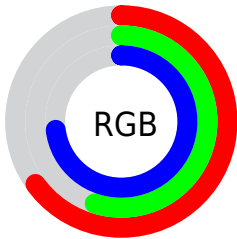
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 167, 140, 185 |
| Decimal | 10980537 |
| CIE Lab | 62.00, 18.71, -19.70 |
| CIE LCh | 62, 27.168, 313.533 |
| Yxy | 30.4025, 0.2975, 0.2660 |
| Android (android.graphics.Color) | 4289170617 (0xFFA78CB9) |
| YUV | 153.2030, 15.6759, 12.1000 |
| Hunter-Lab | 55.1385, 13.5604, -15.0410 |

Details

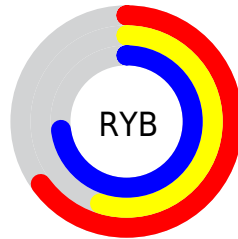
The CIELCh color $62, 27.168, 313.533$ is a light color, and the websafe version is hex `9999CC`. A complement of this color would be $72, 26.482, 131.406$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 26.852, 313.186$, and $42, 27.116, 313.684$ is the 20% darker color. If you saturate the color by 10%, you get $57, 38.655, 313.995$, and if you desaturate by 10%, it is $67, 15.830, 313.078$.

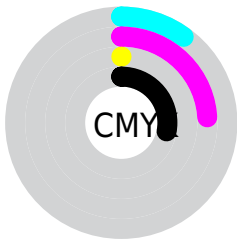
Distribution



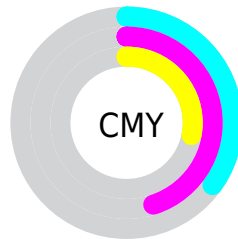
- Red (65%)
- Green (55%)
- Blue (73%)



- Red (65%)
- Yellow (55%)
- Blue (73%)



- Cyan (10%)
- Magenta (24%)
- Yellow (0%)
- Black (28%)





- Cyan (35%)
- Magenta (45%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 27.168, 313.533 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, 27.168, 313.533 by changing the saturation by 10% instead.


 62, 27.168,
313.533


 62, 27.168,
313.533


 100, 27.168,
313.533


 52, 27.168,
313.533


 82, 27.168,
313.533

 42, 27.168,
313.533

 92, 27.168,
313.533

 32, 27.168,
313.533

 22, 27.168,
313.533

 12, 27.168,
313.533

 2, 27.168, 313.533

 0, 27.168, 313.533

62, 27.168,
313.533

62, 27.168,
313.533

57, 38.655,
313.995

67, 15.830,
313.078

52, 50.140,
314.445

73, 4.736, 312.630

78, 6.070, 132.287

47, 61.363,
314.848

84, 16.566,
131.910

42, 71.930,
315.154

89, 26.751,
131.580

38, 81.289,
315.295

94, 36.628,
131.287

35, 88.780,
315.186


96, 38.022,
128.450

33, 93.806,
314.743

96, 37.071,
124.607

32, 95.914,

314.408

 97, 36.300,
120.514

Harmonies

Complementary

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



62, 27.168, 313.533



72, 26.482, 131.406

Rectangle

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



62, 27.168, 313.533



62, 27.168, 3.533



62, 27.168, 133.533



62, 27.168, 183.533

Sweetspot

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



62, 27.166, 313.533



90, 9.462, 312.757



65, 15.768, 267.532



47, 6.149, 312.784



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



62, 27.166, 313.533



75, 40.170, 313.770



64, 28.328, 328.151



36, 6.183, 312.856



26, 84.346, 314.552



2, 16.258, 308.421

Inverse Universe

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



63, 20.134, 351.796



77, 29.773, 352.413



71, 28.294, 145.128



36, 4.567, 350.198



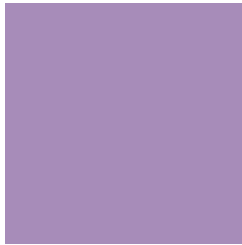
33, 58.552, 10.906



2, 11.623, 356.409

Previews

White Background



This preview shows how the CIELCh color 62, 27.168, 313.533 looks on a white background.

Color Contrast Check

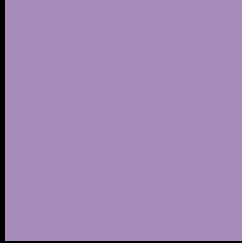
Large Text (above 18pt) WCAG AA × Fail

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, 27.168, 313.533 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

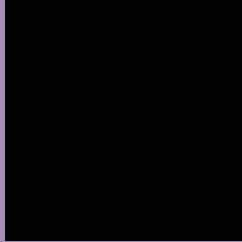
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 27.168, 313.533

Background



This preview shows how black text looks on a background with the CIELCh color 62, 27.168, 313.533.



This preview shows how white text looks on a background with the CIELCh color 62, 27.168, 313.533.

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, 27.168, 313.533

Protanopia

62, 24.241, 285.632

Deuteranopia

62, 20.236, 293.352



Tritanopia
62, 9.027, 337.218

Trichromacy



Original Color
62, 27.168, 313.533

Protanomaly
62, 24.815, 296.009

Deuteranomaly
62, 22.905, 302.312

Tritanomaly
62, 15.200, 322.737

Monochromacy



Original Color
62, 27.168, 313.533

Achromatopsia
63, 0.008, 296.813

Achromatomaly
63, 10.290, 312.504

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 27.168, 313.533 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(167, 140, 185)` looks like.

```
.text, #text, p{  
    color:rgb(167, 140, 185)  
}
```

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(167, 140, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 140, 185) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 27.168, 313.533 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(167, 140, 185) }
```

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

```
.border{ border-color:rgb(167, 140, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 140, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 140, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 140, 185);  
box-shadow:4px 4px 4px 4px rgb(167, 140,  
185) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 27.168, 313.533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 140, 185) }
```

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

```
.background{ background-color: rgb(167,  
140, 185) }
```

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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