

Converting Colors

CIELCh(62, 38.319, 331.266)

Have a look what the booklet for
CIELCh(62, 38.319, 331.266)
contains.

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Color

CIELCh(62, 37.921, 331.075)

Conversions

Conversions Part 1

Format	Color
Hex	C181B7
RGB	193, 129, 183
RGB Percent	76%, 51%, 72%
CMY	0.2436, 0.4946, 0.2829
CMYK	0.00, 0.33, 0.05, 0.24
HSL	309°, 34%, 63%
HSV	309°, 33%, 76%
XYZ	38.3274, 30.4025, 48.5784
YIQ	154.2920, 20.8100, 30.3620

Conversions

Conversions Part 2

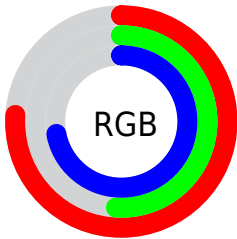
Format	Color
R _Y B	193, 129, 183
Decimal	12681655
CIE Lab	62.00, 33.19, -18.34
CIE LCh	62, 37.921, 331.075
Yxy	30.4025, 0.3267, 0.2592
Android (android.graphics.Color)	4290871735 (0xFFC181B7)
YUV	154.2920, 14.1530, 33.9469
Hunter-Lab	55.1385, 27.5852, -13.6390

Details

The CIELCh color $62, 37.921, 331.075$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $73, 37.837, 146.537$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 37.692, 330.972$, and $42, 38.067, 330.851$ is the 20% darker color. If you saturate the color by 10%, you get $58, 48.852, 331.715$, and if you desaturate by 10%, it is $67, 26.555, 330.442$.

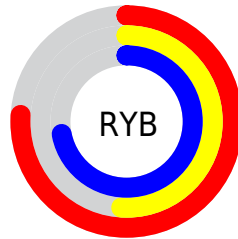
Distribution



Red (76%)

Green (51%)

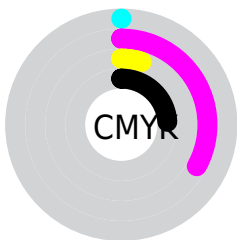
Blue (72%)



Red (76%)

Yellow (51%)

Blue (72%)

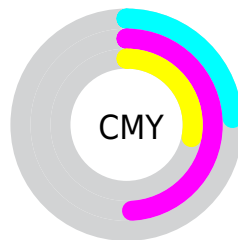


Cyan (0%)

Magenta (33%)

Yellow (5%)

Black (24%)



Cyan (24%)


Magenta (49%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 37.921, 331.075 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, 37.921, 331.075 by changing the saturation by 10% instead.


 62, 37.921,
331.075


 62, 37.921,
331.075


 100, 37.921,
331.075


 52, 37.921,
331.075


 82, 37.921,
331.075

 42, 37.921,
331.075

 92, 37.921,
331.075

 32, 37.921,
331.075

 22, 37.921,
331.075

 12, 37.921,
331.075

 2, 37.921, 331.075

 0, 37.921, 331.075

62, 37.921,
331.075

62, 37.921,
331.075

58, 48.852,
331.715

67, 26.555,
330.442

54, 58.967,
332.360

71, 15.051,
329.816

51, 67.796,
333.010

76, 3.608, 329.155

48, 74.842,
333.672

82, 7.645, 148.693

46, 79.695,
334.361

87, 18.629,
148.114

45, 82.176,
335.100

92, 29.304,
147.578

44, 82.877,
335.634

95, 34.361,
148.026

95, 33.158,
149.675

■ 95, 31.977,
151.440

Harmonies

Complementary

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



62, 37.921, 331.075



73, 37.837, 146.537

Rectangle

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



62, 37.921, 331.075



62, 37.921, 21.075



62, 37.921, 151.075



62, 37.921, 201.075

Sweetspot

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



62, 37.919, 331.075



92, 14.072, 329.627



57, 36.770, 299.157



48, 9.607, 329.716



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, 37.919, 331.075



75, 56.045, 331.552



61, 27.971, 356.225



38, 6.486, 329.578



37, 72.496, 335.518



4, 20.894, 332.401

Inverse Universe

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



62, 37.919, 331.075



75, 56.045, 331.552



73, 25.805, 169.288



38, 6.486, 329.578



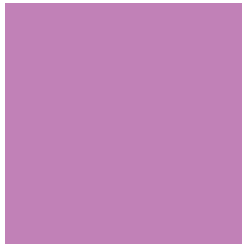
37, 72.496, 335.518



4, 20.894, 332.401

Previews

White Background



This preview shows how the CIELCh color 62, 37.921, 331.075 looks on a white background.

Color Contrast Check

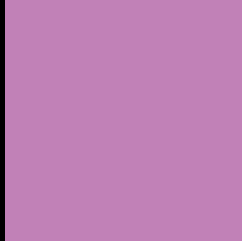
Large Text (above 18pt) WCAG AA × Fail

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, 37.921, 331.075 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

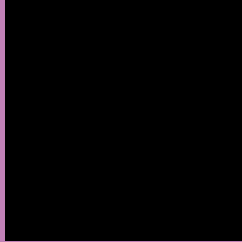
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 37.921, 331.075

Background



This preview shows how black text looks on a background with the CIELCh color 62, 37.921, 331.075.

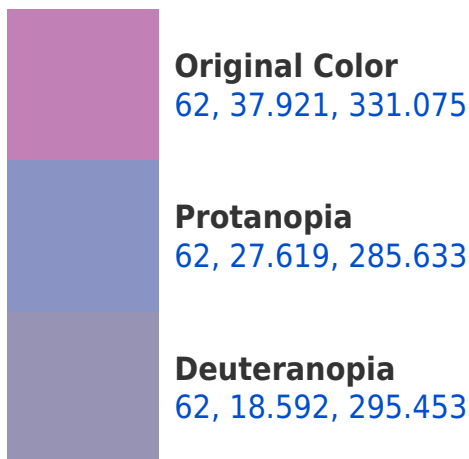


This preview shows how white text looks on a background with the CIELCh color 62, 37.921, 331.075.

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, 21.510, 6.809

Trichromacy



Original Color
62, 37.921, 331.075

Protanomaly
62, 29.341, 304.025

Deuteranomaly
62, 24.988, 314.569

Tritanomaly
62, 26.295, 348.991

Monochromacy



Original Color
62, 37.921, 331.075

Achromatopsia
64, 0.008, 296.813

Achromatomaly
63, 13.805, 330.438

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 37.921, 331.075 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(193, 129, 183)` looks like.

```
.text, #text, p{  
    color:rgb(193, 129, 183)  
}
```

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(193, 129, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 129, 183) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 37.921, 331.075 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(193, 129, 183) }
```

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

```
.border{ border-color:rgb(193, 129, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 129, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 129, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 129, 183);  
box-shadow:4px 4px 4px 4px rgb(193, 129,  
183) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 37.921, 331.075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 129, 183) }
```

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

```
.background{ background-color: rgb(193,  
129, 183) }
```

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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