

Converting Colors

CIELCh(62, 60.329, 317.127)

Have a look what the booklet for
CIELCh(62, 60.329, 317.127)
contains.

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Color

CIELCh(62, 60.330, 317.124)

Conversions

Conversions Part 1

Format	Color
Hex	BF7ADF
RGB	191, 122, 223
RGB Percent	75%, 48%, 87%
CMY	0.2502, 0.5209, 0.1247
CMYK	0.14, 0.45, 0.00, 0.12
HSL	281°, 61%, 68%
HSV	281°, 45%, 88%
XYZ	41.8613, 30.4025, 73.6105
YIQ	154.1450, 8.7030, 46.0390

Conversions

Conversions Part 2

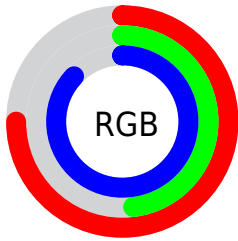
Format	Color
RYB	191, 122, 223
Decimal	12548831
CIELab	62.00, 44.21, -41.05
CIELCh	62, 60.330, 317.124
Yxy	30.4025, 0.2870, 0.2084
Android (android.graphics.Color)	4290738911 (0xFFBF7ADF)
YUV	154.1450, 33.9455, 32.3218
Hunter-Lab	55.1385, 39.0254, -40.5559

Details

The CIELCh color $62, 60.330, 317.124$ is a light color, and the websafe version is hex $9966CC$. A complement of this color would be $82, 58.203, 132.946$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 48.480, 323.929$, and $42, 59.940, 316.988$ is the 20% darker color. If you saturate the color by 10%, you get $57, 73.146, 317.466$, and if you desaturate by 10%, it is $68, 46.981, 316.716$.

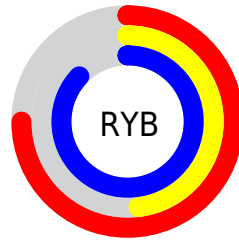
Distribution



Red (75%)

Green (48%)

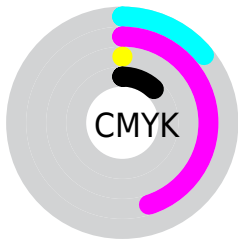
Blue (87%)



Red (75%)

Yellow (48%)

Blue (87%)

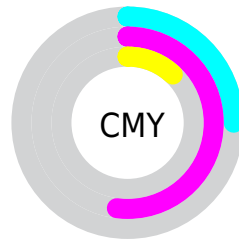


Cyan (14%)

Magenta (45%)

Yellow (0%)

Black (12%)



Cyan (25%)


Magenta (52%)


Yellow (12%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 60.330, 317.124 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, 60.330, 317.124 by changing the saturation by 10% instead.


 62, 60.330,
317.124


 62, 60.330,
317.124


 100, 60.330,
317.124


 52, 60.330,
317.124


 82, 60.330,
317.124

 42, 60.330,
317.124

 92, 60.330,
317.124

 32, 60.330,
317.124

 22, 60.330,
317.124

 12, 60.330,
317.124

 2, 60.330, 317.124

 0, 60.330, 317.124

62, 60.330,
317.124

62, 60.330,
317.124

57, 73.146,
317.466

68, 46.981,
316.716

52, 84.910,
317.694

74, 33.473,
316.279

48, 94.949,
317.743

80, 20.042,
315.835

45, 102.552,
317.542

86, 6.834, 315.390

42, 107.214,
317.033


92, 6.067, 135.044

41, 108.703,
316.719

98, 17.956,
134.317

98, 16.977,
126.722

99, 16.336,
118.245

 99, 16.090,
109.185

Harmonies

Complementary

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



62, 60.330, 317.124



82, 58.203, 132.946

Rectangle

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



62, 60.330, 317.124



62, 60.330, 7.124



62, 60.330, 137.124



62, 60.330, 187.124

Sweetspot

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



62, 60.328, 317.124



90, 20.465, 315.784



64, 38.295, 279.121



47, 14.159, 315.880



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, 60.328, 317.124



65, 79.714, 317.441



65, 57.025, 332.260



44, 7.446, 315.579



32, 90.921, 316.874



5, 34.743, 317.177

Inverse Universe

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



63, 42.719, 0.559



67, 56.597, 2.433



81, 57.099, 145.540



44, 5.144, 355.646



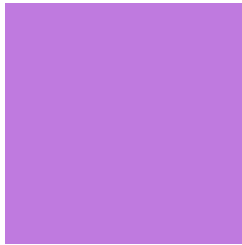
37, 65.808, 19.359



6, 25.393, 6.779

Previews

White Background



This preview shows how the CIELCh color 62, 60.330, 317.124 looks on a white background.

Color Contrast Check

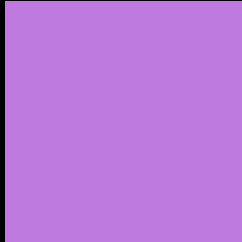
Large Text (above 18pt) WCAG AA × Fail

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, 60.330, 317.124 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

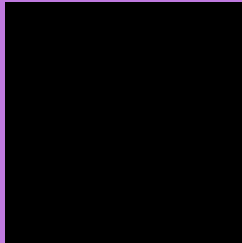
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 60.330, 317.124

Background



This preview shows how black text looks on a background with the CIELCh color 62, 60.330, 317.124.

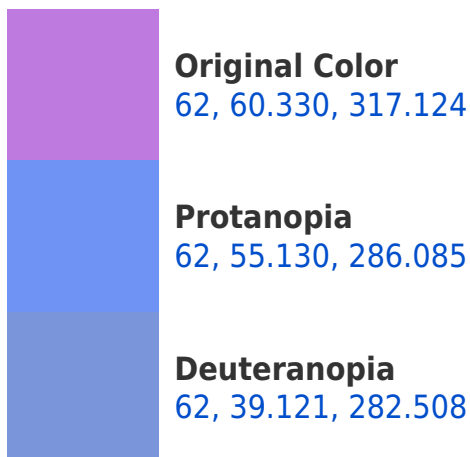


This preview shows how white text looks on a background with the CIELCh color 62, 60.330, 317.124.

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, 17.310, 0.543

Trichromacy



Original Color
62, 60.330, 317.124



Protanomaly
62, 55.605, 296.497



Deuteranomaly
62, 45.691, 298.027



Tritanomaly
62, 30.957, 330.078

Monochromacy



Original Color
62, 60.330, 317.124



Achromatopsia
64, 0.008, 296.813



Achromatomaly
62, 22.908, 316.682

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 60.330, 317.124 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(191, 122, 223)` looks like.

```
.text, #text, p{  
    color:rgb(191, 122, 223)  
}
```

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(191, 122, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 122, 223) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 60.330, 317.124 is called "border". The border property can be set on classes, ids or directly on the HTML element.

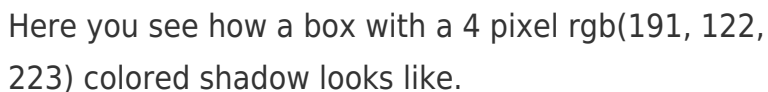
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(191, 122, 223) }
```

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

```
.border{ border-color:rgb(191, 122, 223) }
```

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



Here you see how a box with a 4 pixel `rgb(191, 122, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 122, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 122, 223);  
box-shadow:4px 4px 4px 4px rgb(191, 122,  
223) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 60.330, 317.124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 122, 223) }
```

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

```
.background{ background-color: rgb(191,  
122, 223) }
```

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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