

Converting Colors

CIELCh(62, 39.388, 325.760)

Have a look what the booklet for
CIELCh(62, 39.388, 325.760)
contains.

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Color

CIELCh(62, 39.505, 325.657)

Conversions

Conversions Part 1

Format	Color
Hex	BD82BE
RGB	189, 130, 190
RGB Percent	74%, 51%, 75%
CMY	0.2597, 0.4910, 0.2558
CMYK	0.01, 0.32, 0.00, 0.26
HSL	299°, 31%, 63%
HSV	299°, 32%, 74%
XYZ	38.1496, 30.4025, 52.4389
YIQ	154.4810, 15.9040, 31.1680

Conversions

Conversions Part 2

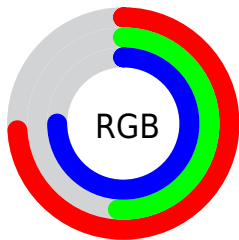
Format	Color
RYB	189, 130, 190
Decimal	12419774
CIELab	62.00, 32.62, -22.29
CIElCh	62, 39.505, 325.657
Yxy	30.4025, 0.3153, 0.2513
Android (android.graphics.Color)	4290609854 (0xFFBD82BE)
YUV	154.4810, 17.5109, 30.2732
Hunter-Lab	55.1385, 27.0095, -17.7902

Details

The CIELCh color $62, 39.505, 325.657$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $72, 39.479, 141.835$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 39.143, 325.820$, and $42, 39.586, 326.084$ is the 20% darker color. If you saturate the color by 10%, you get $58, 51.535, 326.146$, and if you desaturate by 10%, it is $66, 27.057, 325.137$.

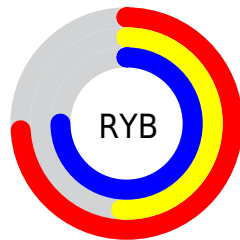
Distribution



Red (74%)

Green (51%)

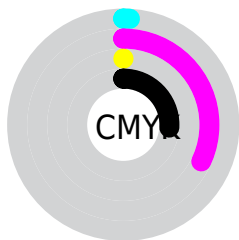
Blue (75%)



Red (74%)

Yellow (51%)

Blue (75%)

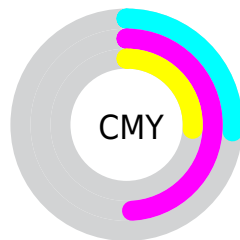


Cyan (1%)

Magenta (32%)

Yellow (0%)

Black (26%)



Cyan (26%)


Magenta (49%)


Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 39.505, 325.657 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, 39.505, 325.657 by changing the saturation by 10% instead.


 62, 39.505,
325.657


 62, 39.505,
325.657


 100, 39.505,
325.657


 52, 39.505,
325.657


 82, 39.505,
325.657

 42, 39.505,
325.657

 92, 39.505,
325.657

 32, 39.505,
325.657

 22, 39.505,
325.657

 12, 39.505,
325.657

 2, 39.505, 325.657

 0, 39.505, 325.657

62, 39.505,
325.657

62, 39.505,
325.657

58, 51.535,
326.146

66, 27.057,
325.137

54, 62.771,
326.589

71, 14.489,
324.599

51, 72.752,
326.965

76, 2.001, 323.962

48, 80.996,
327.258

81, 10.272,
143.585

46, 87.099,
327.455

86, 22.247,
143.066

45, 90.867,
327.552

91, 33.880,
142.578

45, 92.610,
327.572

94, 40.644,
142.251

94, 40.580,
142.133

■ 94, 40.516,
142.014

Harmonies

Complementary

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



62, 39.505, 325.657



72, 39.479, 141.835

Rectangle

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



62, 39.505, 325.657



62, 39.505, 15.657



62, 39.505, 145.657



62, 39.505, 195.657

Sweetspot

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



62, 39.503, 325.657



92, 13.910, 324.463



57, 33.110, 292.813



49, 9.753, 324.545



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, 39.503, 325.657



76, 58.575, 326.004



61, 28.986, 344.727



37, 7.031, 324.474



37, 80.906, 327.581



3, 21.296, 324.729

Inverse Universe

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



60, 24.924, 20.816



73, 38.052, 21.812



72, 28.066, 159.020



37, 4.095, 18.565



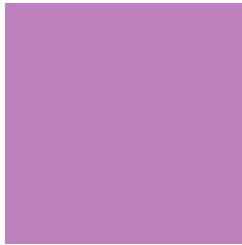
32, 72.153, 38.994



3, 12.256, 18.441

Previews

White Background



This preview shows how the CIELCh color 62, 39.505, 325.657 looks on a white background.

Color Contrast Check

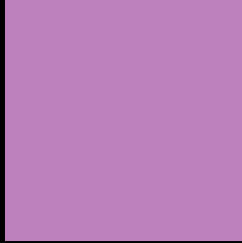
Large Text (above 18pt) WCAG AA × Fail

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, 39.505, 325.657 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

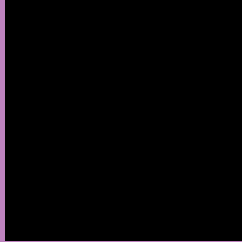
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 39.505, 325.657

Background



This preview shows how black text looks on a background with the CIELCh color 62, 39.505, 325.657.

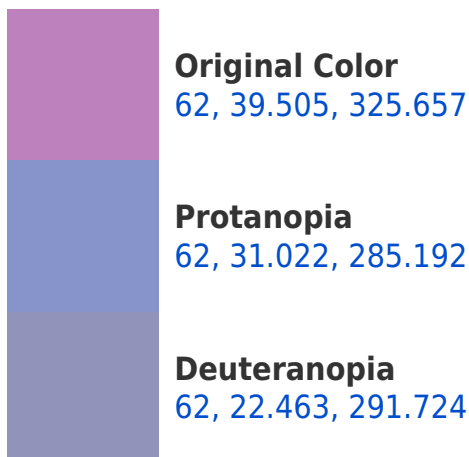


This preview shows how white text looks on a background with the CIELCh color 62, 39.505, 325.657.

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, 18.850, 2.509

Trichromacy



Original Color
62, 39.505, 325.657

Protanomaly
62, 32.480, 301.300

Deuteranomaly
62, 27.556, 308.458

Tritanomaly
62, 24.987, 341.798

Monochromacy



Original Color
62, 39.505, 325.657

Achromatopsia
64, 0.008, 296.813

Achromatomaly
63, 14.902, 325.136

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 39.505, 325.657 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(189, 130, 190)` looks like.

```
.text, #text, p{  
    color:rgb(189, 130, 190)  
}
```

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(189, 130, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 130, 190) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 39.505, 325.657 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(189, 130, 190) }
```

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

```
.border{ border-color:rgb(189, 130, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 130, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 130, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 130, 190);  
box-shadow:4px 4px 4px 4px rgb(189, 130,  
190) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 39.505, 325.657 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 130, 190) }
```

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

```
.background{ background-color: rgb(189,  
130, 190) }
```

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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