

Converting Colors

CIELCh(62, 39.631, 327.560)

Have a look what the booklet for
CIELCh(62, 39.631, 327.560)
contains.

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Color

CIELCh(62, 39.631, 327.560)

Conversions

Conversions Part 1

Format	Color
Hex	BF81BC
RGB	191, 129, 188
RGB Percent	75%, 51%, 74%
CMY	0.2510, 0.4941, 0.2628
CMYK	0.00, 0.32, 0.02, 0.25
HSL	303°, 33%, 63%
HSV	303°, 32%, 75%
XYZ	38.4073, 30.4025, 51.4142
YIQ	154.2640, 18.0130, 31.4930

Conversions

Conversions Part 2

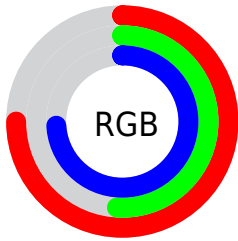
Format	Color
R _Y B	191, 129, 188
Decimal	12550588
CIE _{Lab}	62.00, 33.45, -21.26
CIE _{LCh}	62, 39.631, 327.560
Yxy	30.4025, 0.3195, 0.2529
Android (android.graphics.Color)	4290740668 (0xFFBF81BC)
YUV	154.2640, 16.6318, 32.2175
Hunter-Lab	55.1385, 27.8435, -16.6883

Details

The CIELCh color `62, 39.631, 327.560` is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be `72, 39.637, 143.433`, and the grayscale version is `64, 0.008, 296.813`.

A 20% lighter version of the original color is `82, 39.300, 327.626`, and `42, 39.941, 327.123` is the 20% darker color. If you saturate the color by 10%, you get `58, 51.315, 328.094`, and if you desaturate by 10%, it is `66, 27.495, 327.006`.

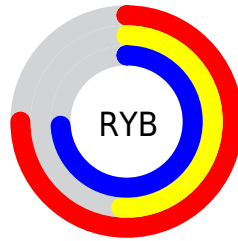
Distribution



Red (75%)

Green (51%)

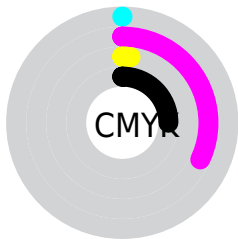
Blue (74%)



Red (75%)

Yellow (51%)

Blue (74%)

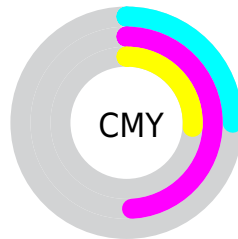


Cyan (0%)

Magenta (32%)

Yellow (2%)

Black (25%)



Cyan (25%)


Magenta (49%)


Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 39.631, 327.560 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, 39.631, 327.560 by changing the saturation by 10% instead.


 62, 39.631,
327.560


 62, 39.631,
327.560


 100, 39.631,
327.560


 52, 39.631,
327.560


 82, 39.631,
327.560

 42, 39.631,
327.560

 92, 39.631,
327.560

 32, 39.631,
327.560

 22, 39.631,
327.560

 12, 39.631,
327.560

 2, 39.631, 327.560

 0, 39.631, 327.560

62, 39.631,
327.560

62, 39.631,
327.560

58, 51.315,
328.094

66, 27.495,
327.006

54, 62.161,
328.595

71, 15.211,
326.439

51, 71.702,
329.050

76, 2.989, 325.813

48, 79.457,
329.450

81, 9.033, 145.383

46, 85.032,
329.790

86, 20.771,
144.839

45, 88.258,
330.072

91, 32.177,
144.328

45, 89.519,
330.259

95, 38.671,
144.197

95, 38.286,
144.603

■ 95, 37.902,
145.016

Harmonies

Complementary

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



62, 39.631, 327.560



72, 39.637, 143.433

Rectangle

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



62, 39.631, 327.560



62, 39.631, 17.560



62, 39.631, 147.560



62, 39.631, 197.560

Sweetspot

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



62, 39.629, 327.560



91, 15.042, 326.306



56, 35.515, 295.289



48, 10.354, 326.388



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, 39.629, 327.560



75, 58.366, 327.945



61, 28.770, 348.651



37, 6.839, 326.259



37, 77.875, 330.229



3, 20.495, 327.179

Inverse Universe

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



62, 39.629, 327.560



75, 58.366, 327.945



73, 27.458, 162.395



37, 6.839, 326.259



37, 77.875, 330.229



3, 20.495, 327.179

Previews

White Background



This preview shows how the CIELCh color 62, 39.631, 327.560 looks on a white background.

Color Contrast Check

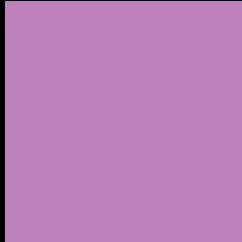
Large Text (above 18pt) WCAG AA × Fail

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, 39.631, 327.560 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

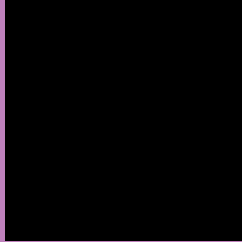
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 39.631, 327.560

Background



This preview shows how black text looks on a background with the CIELCh color 62, 39.631, 327.560.

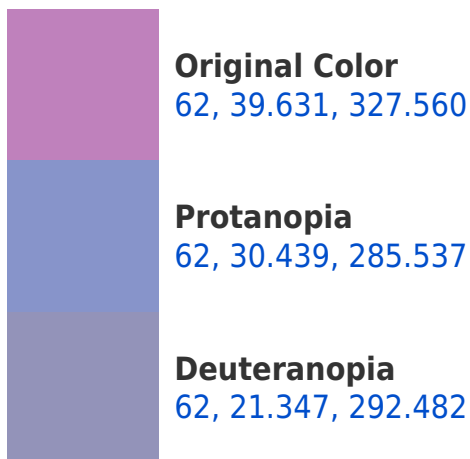


This preview shows how white text looks on a background with the CIELCh color 62, 39.631, 327.560.

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, 20.304, 5.741

Trichromacy



Original Color
62, 39.631, 327.560

Protanomaly
62, 31.975, 302.009

Deuteranomaly
62, 27.247, 310.236

Tritanomaly
62, 25.885, 345.236

Monochromacy



Original Color
62, 39.631, 327.560

Achromatopsia
64, 0.008, 296.813

Achromatomaly
63, 14.449, 326.389

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 39.631, 327.560 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, 129, 188)` looks like.

```
.text, #text, p{  
    color:rgb(191, 129, 188)  
}
```

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, 129, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 129, 188) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 39.631, 327.560 is called "border". The border property can be set on classes, ids or directly on the HTML element.

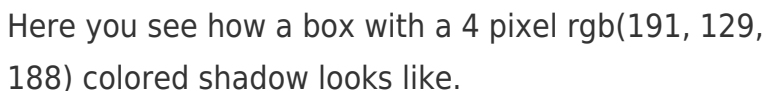
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(191, 129, 188) }
```

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

```
.border{ border-color:rgb(191, 129, 188) }
```

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



Here you see how a box with a 4 pixel `rgb(191, 129, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 129, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 129, 188); box-shadow:4px 4px 4px 4px rgb(191, 129, 188) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 39.631, 327.560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 129, 188) }
```

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

```
.background{ background-color: rgb(191,  
129, 188) }
```

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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