

Converting Colors

CIELCh(62, 27.678, 324.868)

Have a look what the booklet for
CIELCh(62, 27.678, 324.868)
contains.

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Color

CIELCh(62, 27.319, 324.990)

Conversions

Conversions Part 1

Format	Color
Hex	B189B2
RGB	177, 137, 178
RGB Percent	69%, 54%, 70%
CMY	0.3063, 0.4632, 0.3024
CMYK	0.01, 0.23, 0.00, 0.30
HSL	299°, 21%, 62%
HSV	299°, 23%, 70%
XYZ	35.0587, 30.4025, 46.0787
YIQ	153.6340, 10.6790, 21.2310

Conversions

Conversions Part 2

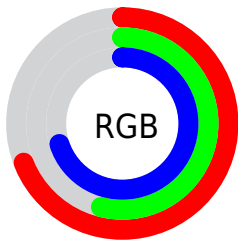
Format	Color
R _{YB}	177, 137, 178
Decimal	11635122
CIE Lab	62.00, 22.38, -15.67
CIE LCh	62, 27.319, 324.990
Yxy	30.4025, 0.3143, 0.2726
Android (android.graphics.Color)	4289825202 (0xFFB189B2)
YUV	153.6340, 12.0124, 20.4920
Hunter-Lab	55.1385, 17.0033, -10.9511

Details

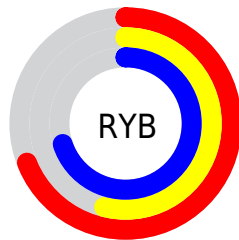
The CIELCh color $62, 27.319, 324.990$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $69, 27.275, 142.351$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 27.212, 324.795$, and $42, 26.972, 325.266$ is the 20% darker color. If you saturate the color by 10%, you get $58, 39.074, 325.499$, and if you desaturate by 10%, it is $66, 15.419, 324.461$.

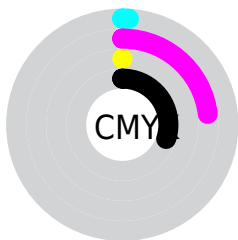
Distribution



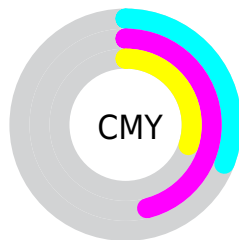
- Red (69%)
- Green (54%)
- Blue (70%)



- Red (69%)
- Yellow (54%)
- Blue (70%)



- Cyan (1%)
- Magenta (23%)
- Yellow (0%)
- Black (30%)





- Cyan (31%)
- Magenta (46%)
- Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 27.319, 324.990 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, 27.319, 324.990 by changing the saturation by 10% instead.


 62, 27.319,
324.990


 62, 27.319,
324.990


 100, 27.319,
324.990


 52, 27.319,
324.990


 82, 27.319,
324.990

 42, 27.319,
324.990

 92, 27.319,
324.990

 32, 27.319,
324.990

 22, 27.319,
324.990

 12, 27.319,
324.990

 2, 27.319, 324.990

 0, 27.319, 324.990

62, 27.319,
324.990

62, 27.319,
324.990

58, 39.074,
325.499

66, 15.419,
324.461

54, 50.408,
325.976

71, 3.579, 323.887

76, 8.070, 143.464

50, 60.953,
326.403

81, 19.448,
142.945

47, 70.270,
326.762

86, 30.508,
142.461

45, 77.906,
327.033

90, 41.231,
142.003

43, 83.491,
327.204


94, 47.879,
141.676

42, 86.864,
327.270

94, 47.793,
141.542

41, 88.298,

327.273

 94, 47.707,
141.407

Harmonies

Complementary

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



62, 27.319, 324.990



69, 27.275, 142.351

Rectangle

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



62, 27.319, 324.990



62, 27.319, 14.990



62, 27.319, 144.990



62, 27.319, 194.990

Sweetspot

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



62, 27.317, 324.990



88, 10.236, 324.138



59, 22.499, 291.509



47, 6.707, 324.171



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



62, 27.317, 324.990



76, 41.174, 325.270



61, 19.983, 343.846



35, 6.700, 324.260



35, 79.012, 327.284



3, 16.068, 323.440

Inverse Universe

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



61, 16.695, 19.205



75, 25.675, 19.820



69, 19.508, 159.924



35, 3.910, 17.935



31, 70.021, 38.547



2, 9.163, 17.835

Previews

White Background



This preview shows how the CIELCh color 62, 27.319, 324.990 looks on a white background.

Color Contrast Check

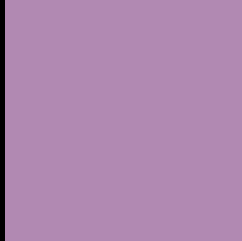
Large Text (above 18pt) WCAG AA × Fail

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, 27.319, 324.990 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

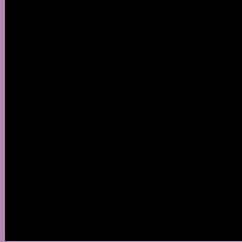
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 27.319, 324.990

Background



This preview shows how black text looks on a background with the CIELCh color 62, 27.319, 324.990.



This preview shows how white text looks on a background with the CIELCh color 62, 27.319, 324.990.

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, 27.319, 324.990

Protanopia

62, 20.862, 284.882

Deuteranopia

62, 17.048, 299.261



Tritanopia
62, 13.596, 353.983

Trichromacy



Original Color
62, 27.319, 324.990

Protanomaly
62, 21.661, 300.890

Deuteranomaly
62, 20.290, 310.944

Tritanomaly
62, 17.929, 337.927

Monochromacy



Original Color
62, 27.319, 324.990

Achromatopsia
64, 0.008, 296.813

Achromatomaly
63, 9.978, 323.077

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 27.319, 324.990 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(177, 137, 178)` looks like.

```
.text, #text, p{  
    color:rgb(177, 137, 178)  
}
```

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(177, 137, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 137, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 27.319, 324.990 is called "border". The border property can be set on classes, ids or directly on the HTML element.

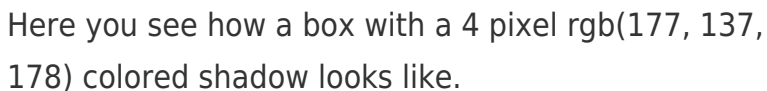
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(177, 137, 178) }
```

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

```
.border{ border-color:rgb(177, 137, 178) }
```

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



Here you see how a box with a 4 pixel `rgb(177, 137, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(177, 137, 178); -webkit-box-shadow:4px 4px 4px 4px rgb(177, 137, 178); box-shadow:4px 4px 4px 4px rgb(177, 137, 178) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 27.319, 324.990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 137, 178) }
```

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

```
.background{ background-color: rgb(177,  
137, 178) }
```

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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