

Converting Colors

CIELCh(62, 29.925, 338.383)

Have a look what the booklet for
CIELCh(62, 29.925, 338.383)
contains.

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Color

CIELCh(62, 30.326, 338.479)

Conversions

Conversions Part 1

Format	Color
Hex	BE84AA
RGB	190, 132, 170
RGB Percent	75%, 52%, 67%
CMY	0.2544, 0.4819, 0.3329
CMYK	0.00, 0.31, 0.11, 0.25
HSL	321°, 31%, 63%
HSV	321°, 31%, 75%
XYZ	36.7985, 30.4025, 42.0167
YIQ	153.6740, 22.3700, 24.1140

Conversions

Conversions Part 2

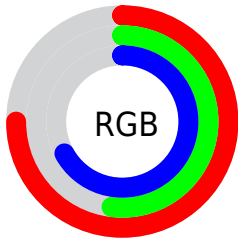
Format	Color
RYB	190, 132, 170
Decimal	12485802
CIELab	62.00, 28.21, -11.12
CIELCh	62, 30.326, 338.479
Yxy	30.4025, 0.3369, 0.2784
Android (android.graphics.Color)	4290675882 (0xFFBE84AA)
YUV	153.6740, 8.0487, 31.8579
Hunter-Lab	55.1385, 22.6355, -6.5833

Details

The CIELCh color $62, 30.326, 338.479$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $72, 29.875, 153.623$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 30.030, 338.748$, and $42, 30.144, 338.664$ is the 20% darker color. If you saturate the color by 10%, you get $58, 40.052, 339.380$, and if you desaturate by 10%, it is $67, 20.350, 337.651$.

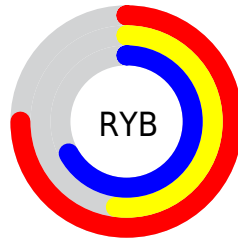
Distribution



Red (75%)

Green (52%)

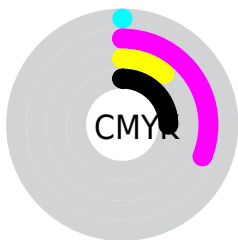
Blue (67%)



Red (75%)

Yellow (52%)

Blue (67%)

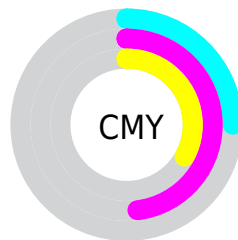


Cyan (0%)

Magenta (31%)

Yellow (11%)

Black (25%)



Cyan (25%)


Magenta (48%)


Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 30.326, 338.479 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, 30.326, 338.479 by changing the saturation by 10% instead.


 62, 30.326,
338.479


 62, 30.326,
338.479


 100, 30.326,
338.479


 52, 30.326,
338.479


 82, 30.326,
338.479

 42, 30.326,
338.479

 92, 30.326,
338.479

 32, 30.326,
338.479

 22, 30.326,
338.479

 12, 30.326,
338.479

 2, 30.326, 338.479

 0, 30.326, 338.479

62, 30.326,
338.479

62, 30.326,
338.479

58, 40.052,
339.380

67, 20.350,
337.651

53, 49.208,
340.375

72, 10.360,
336.873

50, 57.368,
341.498

77, 0.503, 335.520

47, 64.047,
342.799

82, 9.131, 155.569

44, 68.788,
344.351

87, 18.494,
154.928

43, 71.315,
346.245

92, 27.568,
154.338

42, 72.027,
348.380

95, 30.374,
156.425

95, 28.083,
161.335

■ 95, 26.002,
167.039

Harmonies

Complementary

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



62, 30.326, 338.479



72, 29.875, 153.623

Rectangle

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



62, 30.326, 338.479



62, 30.326, 28.479



62, 30.326, 158.479



62, 30.326, 208.479

Sweetspot

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



62, 30.324, 338.480



92, 10.974, 336.768



59, 33.718, 304.984



48, 7.697, 336.881



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, 30.324, 338.480



75, 45.408, 339.109



61, 23.990, 9.161



37, 5.548, 336.784



35, 63.006, 348.003



3, 15.496, 342.412

Inverse Universe

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



62, 30.324, 338.480



75, 45.408, 339.109



73, 20.866, 183.132



37, 5.548, 336.784



35, 63.006, 348.003



3, 15.496, 342.412

Previews

White Background



This preview shows how the CIELCh color 62, 30.326, 338.479 looks on a white background.

Color Contrast Check

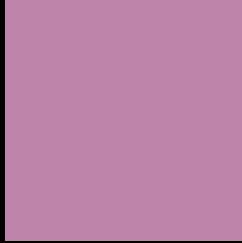
Large Text (above 18pt) WCAG AA × Fail

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, 30.326, 338.479 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

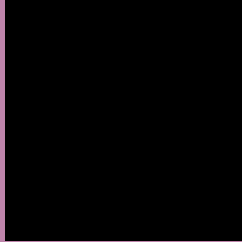
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 30.326, 338.479

Background



This preview shows how black text looks on a background with the CIELCh color 62, 30.326, 338.479.

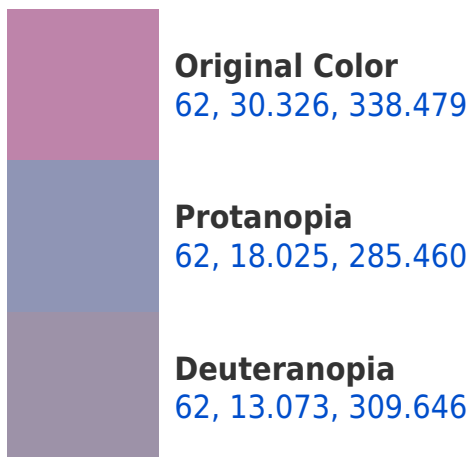



This preview shows how white text looks on a background with the CIELCh color 62, 30.326, 338.479.

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, 21.216, 4.999

Trichromacy



Original Color
62, 30.326, 338.479

Protanomaly
62, 20.178, 309.949

Deuteranomaly
62, 18.949, 325.323

Tritanomaly
62, 23.464, 353.727

Monochromacy



Original Color
62, 30.326, 338.479

Achromatopsia
64, 0.008, 296.813

Achromatomaly
63, 11.263, 336.519

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 30.326, 338.479 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(190, 132, 170)` looks like.

```
.text, #text, p{  
    color:rgb(190, 132, 170)  
}
```

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(190, 132, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 132, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 30.326, 338.479 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(190, 132, 170) }
```

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

```
.border{ border-color:rgb(190, 132, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 132, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 132, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 132, 170);  
box-shadow:4px 4px 4px 4px rgb(190, 132,  
170) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 30.326, 338.479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 132, 170) }
```

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

```
.background{ background-color: rgb(190,  
132, 170) }
```

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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