

Converting Colors

CIELCh(62, 30.488, 336.935)

Have a look what the booklet for
CIELCh(62, 30.488, 336.935)
contains.

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Color

CIELCh(62, 30.793, 336.374)

Conversions

Conversions Part 1

Format	Color
Hex	BD84AC
RGB	189, 132, 172
RGB Percent	74%, 52%, 67%
CMY	0.2579, 0.4814, 0.3246
CMYK	0.00, 0.30, 0.09, 0.26
HSL	318°, 30%, 63%
HSV	318°, 30%, 74%
XYZ	36.7986, 30.4025, 43.0781
YIQ	153.6030, 21.1320, 24.5240

Conversions

Conversions Part 2

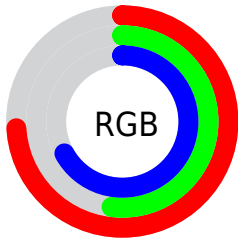
Format	Color
RYB	189, 132, 172
Decimal	12420268
CIELab	62.00, 28.21, -12.34
CIELCh	62, 30.793, 336.374
Yxy	30.4025, 0.3337, 0.2757
Android (android.graphics.Color)	4290610348 (0xFFBD84AC)
YUV	153.6030, 9.0697, 31.0432
Hunter-Lab	55.1385, 22.6357, -7.7246

Details

The CIELCh color $62, 30.793, 336.374$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $72, 30.468, 151.802$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 30.463, 336.745$, and $42, 30.648, 336.366$ is the 20% darker color. If you saturate the color by 10%, you get $58, 40.774, 337.197$, and if you desaturate by 10%, it is $67, 20.547, 335.605$.

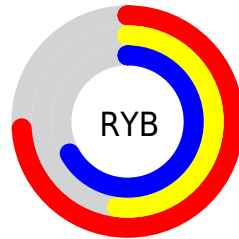
Distribution



Red (74%)

Green (52%)

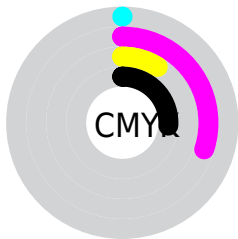
Blue (67%)



Red (74%)

Yellow (52%)

Blue (67%)

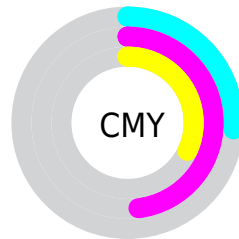


Cyan (0%)

Magenta (30%)

Yellow (9%)

Black (26%)



Cyan (26%)


Magenta (48%)


Yellow (32%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 30.793, 336.374 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, 30.793, 336.374 by changing the saturation by 10% instead.


 62, 30.793,
336.374


 62, 30.793,
336.374


 100, 30.793,
336.374


 52, 30.793,
336.374


 82, 30.793,
336.374

 42, 30.793,
336.374

 92, 30.793,
336.374

 32, 30.793,
336.374

 22, 30.793,
336.374

 12, 30.793,
336.374

 2, 30.793, 336.374

 0, 30.793, 336.374

62, 30.793,
336.374

62, 30.793,
336.374

58, 40.774,
337.197

67, 20.547,
335.605

53, 50.169,
338.087

72, 10.277,
334.872

50, 58.550,
339.069

77, 0.134, 331.806

47, 65.432,
340.178

82, 9.790, 153.626

45, 70.355,
341.468

87, 19.444,
153.010


43, 73.033,
343.008

92, 28.807,
152.439

42, 73.824,
344.797

95, 32.159,
153.940

95, 30.092,
157.729

 95, 28.152,
162.033

Harmonies

Complementary

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



62, 30.793, 336.374



72, 30.468, 151.802

Rectangle

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



62, 30.793, 336.374



62, 30.793, 26.374



62, 30.793, 156.374



62, 30.793, 206.374

Sweetspot

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



62, 30.791, 336.375



91, 11.250, 334.801



59, 32.987, 303.274



48, 7.823, 334.907



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



62, 30.791, 336.375



75, 45.224, 336.898



61, 23.807, 5.329



37, 5.735, 334.816



35, 64.793, 344.503



3, 16.104, 339.702

Inverse Universe

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



62, 30.791, 336.375



75, 45.224, 336.898



73, 21.155, 179.166



37, 5.735, 334.816



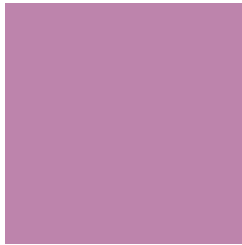
35, 64.793, 344.503



3, 16.104, 339.702

Previews

White Background



This preview shows how the CIELCh color 62, 30.793, 336.374 looks on a white background.

Color Contrast Check

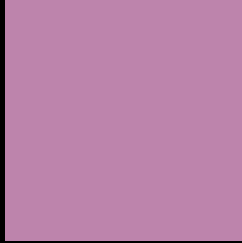
Large Text (above 18pt) WCAG AA × Fail

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, 30.793, 336.374 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

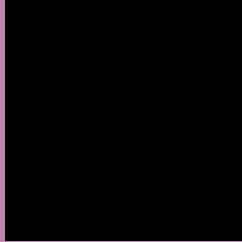
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 30.793, 336.374

Background



This preview shows how black text looks on a background with the CIELCh color 62, 30.793, 336.374.



This preview shows how white text looks on a background with the CIELCh color 62, 30.793, 336.374.

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, 30.793, 336.374

Protanopia

62, 19.167, 284.986

Deuteranopia

62, 14.037, 306.804



Tritanopia
62, 20.304, 5.741

Trichromacy



Original Color
62, 30.793, 336.374

Protanomaly
62, 21.142, 308.100

Deuteranomaly
62, 19.681, 322.544

Tritanomaly
62, 23.348, 351.966

Monochromacy



Original Color
62, 30.793, 336.374

Achromatopsia
64, 0.008, 296.813

Achromatomaly
63, 11.650, 334.529

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 30.793, 336.374 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, 132, 172)` looks like.

```
.text, #text, p{  
    color:rgb(189, 132, 172)  
}
```

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, 132, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 132, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 30.793, 336.374 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, 132, 172) }
```

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

```
.border{ border-color:rgb(189, 132, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 132, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 132, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 132, 172);  
box-shadow:4px 4px 4px 4px rgb(189, 132,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 30.793, 336.374 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 132, 172) }
```

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

```
.background{ background-color: rgb(189,  
132, 172) }
```

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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