

Converting Colors

CIELCh(62, 45.883, 336.475)

Have a look what the booklet for
CIELCh(62, 45.883, 336.475)
contains.

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Color

CIELCh(62, 45.914, 336.491)

Conversions

Conversions Part 1

Format	Color
Hex	CF79B7
RGB	207, 121, 183
RGB Percent	81%, 47%, 72%
CMY	0.1878, 0.5251, 0.2820
CMYK	0.00, 0.42, 0.12, 0.19
HSL	317°, 47%, 64%
HSV	317°, 42%, 81%
XYZ	41.1691, 30.4025, 48.5533
YIQ	153.7820, 31.3540, 37.5140

Conversions

Conversions Part 2

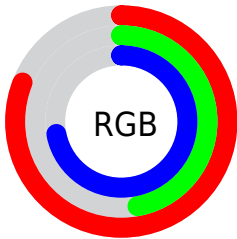
Format	Color
R _Y B	207, 121, 183
Decimal	13597111
CIE Lab	62.00, 42.10, -18.31
CIE LCh	62, 45.914, 336.491
Yxy	30.4025, 0.3427, 0.2531
Android (android.graphics.Color)	4291787191 (0xFFCF79B7)
YUV	153.7820, 14.4045, 46.6722
Hunter-Lab	55.1385, 36.7845, -13.6121

Details

The CIELCh color $62, 45.914, 336.491$ is a light color, and the websafe version is hex $CC6699$. A complement of this color would be $77, 45.515, 149.833$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 43.679, 332.570$, and $42, 46.133, 336.460$ is the 20% darker color. If you saturate the color by 10%, you get $58, 55.984, 337.360$, and if you desaturate by 10%, it is $67, 35.117, 335.685$.

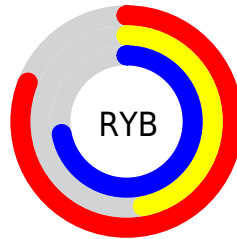
Distribution



Red (81%)

Green (47%)

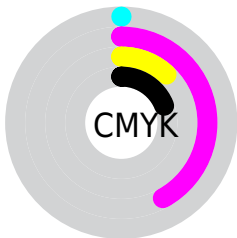
Blue (72%)



Red (81%)

Yellow (47%)

Blue (72%)

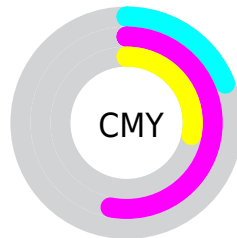


Cyan (0%)

Magenta (42%)

Yellow (12%)

Black (19%)



Cyan (19%)


Magenta (53%)


Yellow (28%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 45.914, 336.491 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, 45.914, 336.491 by changing the saturation by 10% instead.


 62, 45.914,
336.491


 62, 45.914,
336.491


 100, 45.914,
336.491


 52, 45.914,
336.491


 82, 45.914,
336.491

 42, 45.914,
336.491

 92, 45.914,
336.491

 32, 45.914,
336.491

 22, 45.914,
336.491

 12, 45.914,
336.491

 2, 45.914, 336.491

 0, 45.914, 336.491

62, 45.914,
336.491

62, 45.914,
336.491

58, 55.984,
337.360

67, 35.117,
335.685

54, 64.856,
338.312

72, 23.981,
334.926

51, 71.992,
339.381

77, 12.776,
334.203

49, 76.916,
340.617

82, 1.684, 333.355

47, 79.371,
342.086


88, 9.184, 152.960

46, 79.877,
343.525

93, 19.765,
152.341

96, 23.414,
154.652

96, 21.363,
160.182

 96, 19.528,
166.779

Harmonies

Complementary

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



62, 45.914, 336.491



77, 45.515, 149.833

Rectangle

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



62, 45.914, 336.491



62, 45.914, 26.491



62, 45.914, 156.491



62, 45.914, 206.491

Sweetspot

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



62, 45.911, 336.491



92, 15.754, 334.247



56, 49.824, 303.781



48, 10.458, 334.341



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



62, 45.911, 336.491



71, 64.452, 337.277



61, 36.087, 5.968



41, 6.328, 334.052



37, 68.635, 343.237



5, 25.088, 339.744

Inverse Universe

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



62, 45.911, 336.491



71, 64.452, 337.277



77, 30.782, 176.595



41, 6.328, 334.052



37, 68.635, 343.237



5, 25.088, 339.744

Previews

White Background



This preview shows how the CIELCh color 62, 45.914, 336.491 looks on a white background.

Color Contrast Check

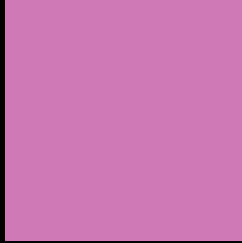
Large Text (above 18pt) WCAG AA × Fail

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, 45.914, 336.491 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

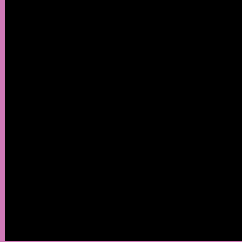
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 45.914, 336.491

Background



This preview shows how black text looks on a background with the CIELCh color 62, 45.914, 336.491.

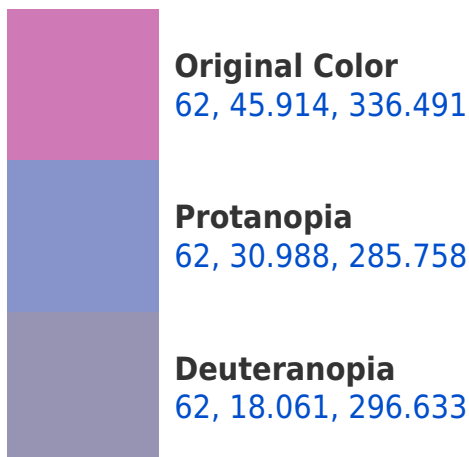


This preview shows how white text looks on a background with the CIELCh color 62, 45.914, 336.491.

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, 29.729, 12.089

Trichromacy



Original Color
62, 45.914, 336.491



Protanomaly
61, 33.728, 307.046



Deuteranomaly
62, 26.552, 319.393



Tritanomaly
62, 33.790, 355.104

Monochromacy



Original Color
62, 45.914, 336.491



Achromatopsia
64, 0.008, 296.813



Achromatomaly
62, 17.475, 333.808

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 45.914, 336.491 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(207, 121, 183)` looks like.

```
.text, #text, p{  
    color:rgb(207, 121, 183)  
}
```

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(207, 121, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 121, 183) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 45.914, 336.491 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(207, 121, 183) }
```

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

```
.border{ border-color:rgb(207, 121, 183) }
```

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

Here you see how a box with a 4 pixel rgb(207, 121, 183) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 121, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 121, 183);  
box-shadow:4px 4px 4px 4px rgb(207, 121,  
183) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 45.914, 336.491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 121, 183) }
```

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

```
.background{ background-color: rgb(207,  
121, 183) }
```

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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