

Converting Colors

CIELCh(62, 61.881, 329.729)

Have a look what the booklet for
CIELCh(62, 61.881, 329.729)
contains.

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Color

CIELCh(62, 62.048, 329.635)

Conversions

Conversions Part 1

Format	Color
Hex	D76FCE
RGB	215, 111, 206
RGB Percent	84%, 44%, 81%
CMY	0.1556, 0.5635, 0.1909
CMYK	0.00, 0.48, 0.04, 0.16
HSL	305°, 57%, 64%
HSV	305°, 48%, 84%
XYZ	45.0157, 30.4025, 62.0875
YIQ	152.9260, 31.4890, 51.5930

Conversions

Conversions Part 2

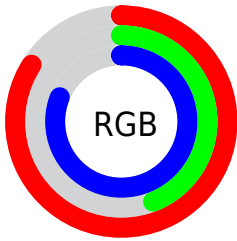
Format	Color
R _Y B	215, 111, 206
Decimal	14118862
CIE Lab	62.00, 53.54, -31.37
CIE LCh	62, 62.048, 329.635
Yxy	30.4025, 0.3274, 0.2211
Android (android.graphics.Color)	4292308942 (0xFFD76FCE)
YUV	152.9260, 26.1655, 54.4389
Hunter-Lab	55.1385, 49.2372, -28.1653

Details

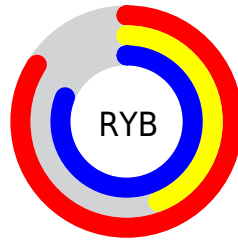
The CIELCh color **62, 62.048, 329.635** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **78, 62.376, 142.823**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **79, 55.531, 326.337**, and **42, 61.864, 329.780** is the 20% darker color. If you saturate the color by 10%, you get **58, 72.885, 330.168**, and if you desaturate by 10%, it is **66, 49.983, 329.076**.

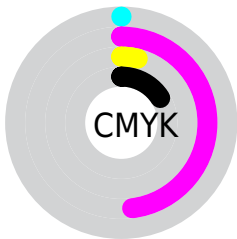
Distribution



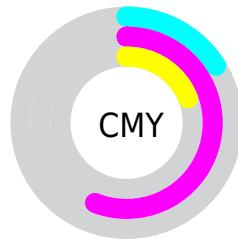
- Red (84%)
- Green (44%)
- Blue (81%)



- Red (84%)
- Yellow (44%)
- Blue (81%)



- Cyan (0%)
- Magenta (48%)
- Yellow (4%)
- Black (16%)





- Cyan (16%)
- Magenta (56%)
- Yellow (19%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 62.048, 329.635 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, 62.048, 329.635 by changing the saturation by 10% instead.


 62, 62.048,
329.635


 62, 62.048,
329.635


 100, 62.048,
329.635


 52, 62.048,
329.635


 82, 62.048,
329.635

 42, 62.048,
329.635

 92, 62.048,
329.635

 32, 62.048,
329.635

 22, 62.048,
329.635

 12, 62.048,
329.635

 2, 62.048, 329.635

 0, 62.048, 329.635

62, 62.048,
329.635

62, 62.048,
329.635

58, 72.885,
330.168

66, 49.983,
329.076

55, 81.956,
330.667

71, 37.189,
328.498

53, 88.757,
331.131

76, 24.054,
327.913

51, 92.979,
331.565

82, 10.865,
327.319

50, 94.764,
331.984

87, 2.184, 146.912

50, 94.969,
332.054

93, 14.969,
146.246

96, 23.140,
146.334

97, 22.379,
147.788

■ 97, 21.631,
149.338

Harmonies

Complementary

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



62, 62.048, 329.635



78, 62.376, 142.823

Rectangle

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



62, 62.048, 329.635



62, 62.048, 19.635



62, 62.048, 149.635



62, 62.048, 199.635

Sweetspot

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



62, 62.045, 329.635



91, 21.068, 327.666



52, 60.258, 299.319



47, 14.557, 327.795



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, 62.045, 329.635



68, 83.092, 330.181



60, 45.853, 354.126



42, 7.396, 327.386



40, 80.011, 331.988



6, 30.935, 331.061

Inverse Universe

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



62, 62.045, 329.635



68, 83.092, 330.181



79, 42.114, 163.198



42, 7.396, 327.386



40, 80.011, 331.988



6, 30.935, 331.061

Previews

White Background



This preview shows how the CIELCh color 62, 62.048, 329.635 looks on a white background.

Color Contrast Check

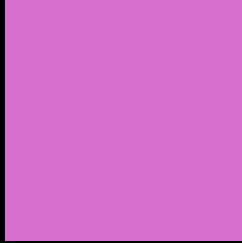
Large Text (above 18pt) WCAG AA × Fail

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, 62.048, 329.635 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

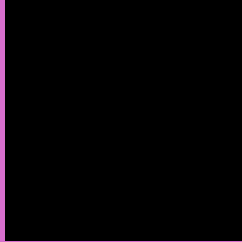
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 62.048, 329.635

Background



This preview shows how black text looks on a background with the CIELCh color 62, 62.048, 329.635.

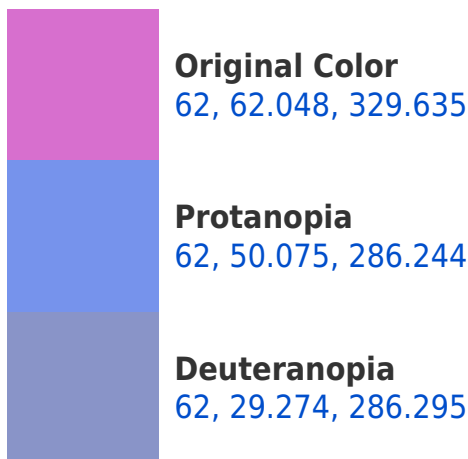


This preview shows how white text looks on a background with the CIELCh color 62, 62.048, 329.635.

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, 33.106, 13.661

Trichromacy



Original Color
62, 62.048, 329.635



Protanomaly
61, 51.677, 301.897



Deuteranomaly
61, 39.190, 308.977

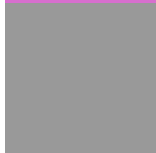


Tritanomaly
62, 40.411, 350.341

Monochromacy



Original Color
62, 62.048, 329.635



Achromatopsia
63, 0.008, 296.813



Achromatomaly
62, 23.782, 328.666

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 62.048, 329.635 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(215, 111, 206)` looks like.

```
.text, #text, p{  
    color:rgb(215, 111, 206)  
}
```

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(215, 111, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 111, 206) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 62.048, 329.635 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(215, 111, 206) }
```

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

```
.border{ border-color:rgb(215, 111, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 111, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 111, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 111, 206);  
box-shadow:4px 4px 4px 4px rgb(215, 111,  
206) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 62.048, 329.635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 111, 206) }
```

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

```
.background{ background-color: rgb(215,  
111, 206) }
```

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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