

Converting Colors

CIELCh(63, 54.865, 321.428)

Have a look what the booklet for
CIELCh(63, 54.865, 321.428)
contains.

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Color

CIELCh(63, 54.904, 321.245)

Conversions

Conversions Part 1

Format	Color
Hex	C67DD6
RGB	198, 125, 214
RGB Percent	78%, 49%, 84%
CMY	0.2230, 0.5093, 0.1602
CMYK	0.07, 0.42, 0.00, 0.16
HSL	289°, 52%, 67%
HSV	289°, 42%, 84%
XYZ	42.8309, 31.5869, 67.5502
YIQ	156.9730, 14.9390, 43.1550

Conversions

Conversions Part 2

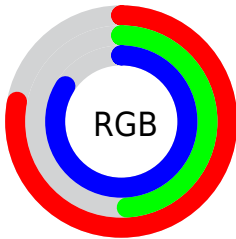
Format	Color
RYB	198, 125, 214
Decimal	13008342
CIELab	63.00, 42.82, -34.37
CIELCh	63, 54.904, 321.245
Yxy	31.5869, 0.3017, 0.2225
Android (android.graphics.Color)	4291198422 (0xFFC67DD6)
YUV	156.9730, 28.1143, 35.9807
Hunter-Lab	56.2022, 37.6783, -31.9198

Details

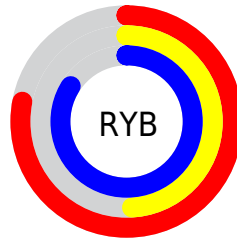
The CIELCh color $63, 54.904, 321.245$ is a light color, and the websafe version is hex `CC66CC`. A complement of this color would be $79, 54.078, 137.004$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 47.584, 326.070$, and $43, 54.609, 321.001$ is the 20% darker color. If you saturate the color by 10%, you get $58, 67.386, 321.605$, and if you desaturate by 10%, it is $68, 41.814, 320.828$.

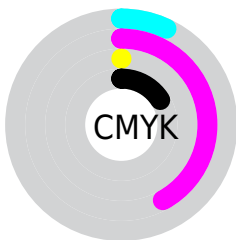
Distribution



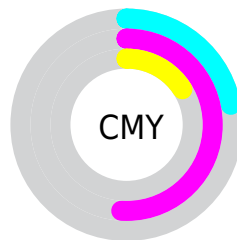
- Red (78%)
- Green (49%)
- Blue (84%)



- Red (78%)
- Yellow (49%)
- Blue (84%)



- Cyan (7%)
- Magenta (42%)
- Yellow (0%)
- Black (16%)





- Cyan (22%)
- Magenta (51%)
- Yellow (16%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 54.904, 321.245 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 63, 54.904, 321.245 by changing the saturation by 10% instead.


 63, 54.904,
321.245


 63, 54.904,
321.245


 100, 54.904,
321.245


 53, 54.904,
321.245


 83, 54.904,
321.245

 43, 54.904,
321.245

 93, 54.904,
321.245

 33, 54.904,
321.245

 23, 54.904,
321.245

 13, 54.904,
321.245

 3, 54.904, 321.245

 0, 54.904, 321.245

63, 54.904,
321.245

63, 54.904,
321.245

58, 67.386,
321.605

68, 41.814,
320.828

54, 78.779,
321.872

74, 28.488,
320.380

50, 88.495,
322.007

79, 15.176,
319.919

47, 95.947,
321.967

85, 2.041, 319.374

45, 100.725,
321.716

91, 10.817,
139.072

44, 102.957,
321.360

96, 23.343,
138.650

97, 23.500,
136.014

97, 22.870,
133.040

■ 97, 22.305,
129.877

Harmonies

Complementary

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



63, 54.904, 321.245



79, 54.078, 137.004

Rectangle

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



63, 54.904, 321.245



63, 54.904, 11.245



63, 54.904, 141.245



63, 54.904, 191.245

Sweetspot

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



63, 54.902, 321.245



92, 18.153, 319.944



60, 41.101, 287.795



48, 12.053, 320.006



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



63, 54.902, 321.245



69, 75.408, 321.570



64, 46.047, 338.184



42, 7.436, 319.818



35, 86.975, 321.459



5, 31.683, 321.486

Inverse Universe

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



62, 36.876, 10.032



69, 51.695, 11.874



79, 45.457, 151.246



42, 4.671, 5.610



35, 69.549, 30.599



5, 22.028, 11.764

Previews

White Background



This preview shows how the CIELCh color 63, 54.904, 321.245 looks on a white background.

Color Contrast Check

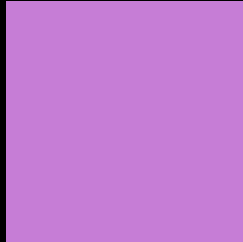
Large Text (above 18pt) WCAG AA × Fail

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 63, 54.904, 321.245 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

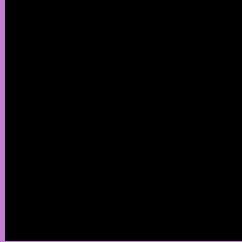
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 54.904, 321.245

Background



This preview shows how black text looks on a background with the CIELCh color 63, 54.904, 321.245.

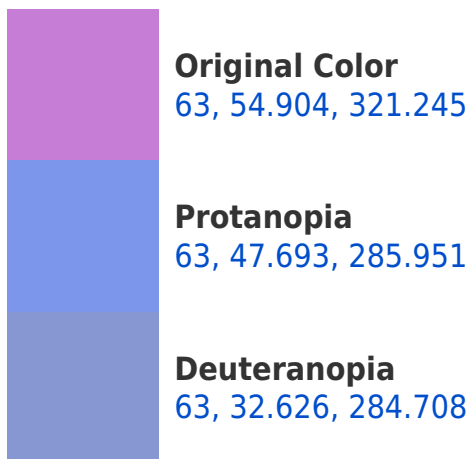


This preview shows how white text looks on a background with the CIELCh color 63, 54.904, 321.245.

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
63, 20.748, 4.569

Trichromacy



Original Color
63, 54.904, 321.245



Protanomaly
63, 48.345, 298.368



Deuteranomaly
63, 39.152, 301.811



Tritanomaly
63, 30.623, 337.670

Monochromacy



Original Color
63, 54.904, 321.245



Achromatopsia
65, 0.008, 296.813



Achromatomaly
64, 21.023, 320.168

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 54.904, 321.245 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(198, 125, 214)` looks like.

```
.text, #text, p{  
    color:rgb(198, 125, 214)  
}
```

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(198, 125, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 125, 214) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 54.904, 321.245 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(198, 125, 214) }
```

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

```
.border{ border-color:rgb(198, 125, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 125, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 125, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 125, 214);  
box-shadow:4px 4px 4px 4px rgb(198, 125,  
214) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 54.904, 321.245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 125, 214) }
```

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

```
.background{ background-color: rgb(198,  
125, 214) }
```

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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