

Converting Colors

CIELCh(63, 57.677, 320.854)

Have a look what the booklet for
CIELCh(63, 57.677, 320.854)
contains.

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Color

CIELCh(63, 57.492, 320.616)

Conversions

Conversions Part 1

Format	Color
Hex	C77CDA
RGB	199, 124, 218
RGB Percent	78%, 49%, 85%
CMY	0.2199, 0.5140, 0.1454
CMYK	0.09, 0.43, 0.00, 0.15
HSL	288°, 56%, 67%
HSV	288°, 43%, 85%
XYZ	43.3763, 31.5869, 70.0882
YIQ	157.1410, 14.5260, 45.1340

Conversions

Conversions Part 2

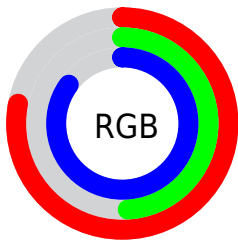
Format	Color
R_{YB}	199, 124, 218
Decimal	13073626
CIE _{Lab}	63.00, 44.44, -36.48
CIE _{LCh}	63, 57.492, 320.616
Yxy	31.5869, 0.2990, 0.2178
Android (android.graphics.Color)	4291263706 (0xFFC77CDA)
YUV	157.1410, 30.0035, 36.7103
Hunter-Lab	56.2022, 39.4106, -34.5972

Details

The CIELCh color $63, 57.492, 320.616$ is a light color, and the websafe version is hex `CC66CC`. A complement of this color would be $80, 56.450, 136.303$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 48.201, 326.091$, and $43, 57.835, 320.458$ is the 20% darker color. If you saturate the color by 10%, you get $58, 70.041, 320.960$, and if you desaturate by 10%, it is $68, 44.297, 320.210$.

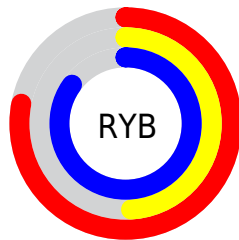
Distribution



Red (78%)

Green (49%)

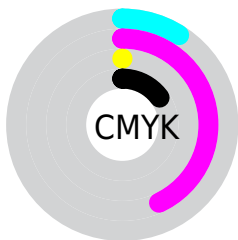
Blue (85%)



Red (78%)

Yellow (49%)

Blue (85%)

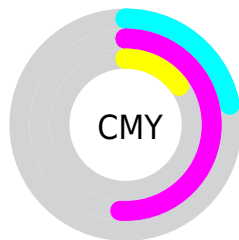


Cyan (9%)

Magenta (43%)

Yellow (0%)

Black (15%)



Cyan (22%)


Magenta (51%)


Yellow (15%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 57.492, 320.616 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, 57.492, 320.616 by changing the saturation by 10% instead.

 63, 57.492,
320.616


 63, 57.492,
320.616


 100, 57.492,
320.616


 53, 57.492,
320.616


 83, 57.492,
320.616

 43, 57.492,
320.616

 93, 57.492,
320.616

 33, 57.492,
320.616

 23, 57.492,
320.616

 13, 57.492,
320.616

 3, 57.492, 320.616

 0, 57.492, 320.616

63, 57.492,
320.616

63, 57.492,
320.616

58, 70.041,
320.960

68, 44.297,
320.210

54, 81.440,
321.203

74, 30.843,
319.769

50, 91.077,
321.301

79, 17.392,
319.315

47, 98.349,
321.208

85, 4.113, 318.831

45, 102.860,
320.884


91, 8.890, 138.482

44, 104.662,
320.553

97, 21.561,
138.062

97, 20.995,
134.487

98, 20.328,
130.571

 98, 19.762,
126.369

Harmonies

Complementary

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



63, 57.492, 320.616



80, 56.450, 136.303

Rectangle

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



63, 57.492, 320.616



63, 57.492, 10.616



63, 57.492, 140.616



63, 57.492, 190.616

Sweetspot

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



63, 57.490, 320.616



91, 19.560, 319.315



61, 41.594, 286.297



47, 13.711, 319.416



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, 57.490, 320.616



68, 77.951, 320.939



64, 49.448, 336.823



43, 7.534, 319.145



35, 88.214, 320.662



5, 33.530, 321.027

Inverse Universe

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



63, 38.978, 8.639



68, 53.831, 10.633



80, 49.022, 149.785



43, 4.798, 3.905



36, 69.334, 29.013



5, 23.745, 11.531

Previews

White Background



This preview shows how the CIELCh color 63, 57.492, 320.616 looks on a white background.

Color Contrast Check

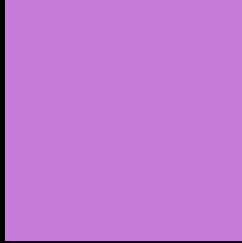
Large Text (above 18pt) WCAG AA × Fail

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 63, 57.492, 320.616 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

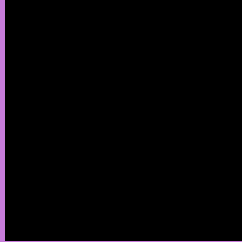
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 57.492, 320.616

Background



This preview shows how black text looks on a background with the CIELCh color 63, 57.492, 320.616.

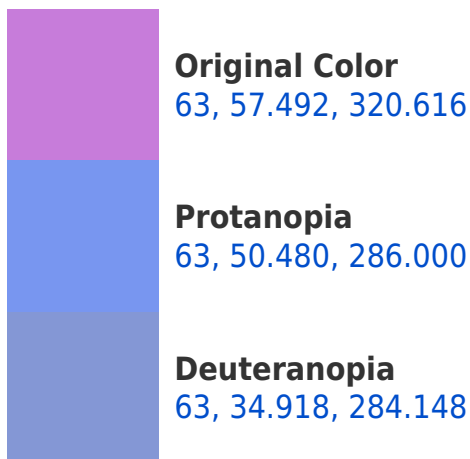


This preview shows how white text looks on a background with the CIELCh color 63, 57.492, 320.616.

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, 57.492, 320.616



Protanomaly
63, 51.072, 298.057



Deuteranomaly
63, 41.900, 301.035



Tritanomaly
63, 31.598, 336.706

Monochromacy



Original Color
63, 57.492, 320.616



Achromatopsia
65, 0.008, 296.813



Achromatomaly
64, 21.507, 319.457

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 57.492, 320.616 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(199, 124, 218)` looks like.

```
.text, #text, p{  
    color:rgb(199, 124, 218)  
}
```

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(199, 124, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 124, 218) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 57.492, 320.616 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(199, 124, 218) }
```

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

```
.border{ border-color:rgb(199, 124, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 124, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 124, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 124, 218);  
box-shadow:4px 4px 4px 4px rgb(199, 124,  
218) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 57.492, 320.616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 124, 218) }
```

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

```
.background{ background-color: rgb(199,  
124, 218) }
```

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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