

Converting Colors

CIELCh(63, 57.201, 320.230)

Have a look what the booklet for
CIELCh(63, 57.201, 320.230)
contains.

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Color

CIELCh(63, 57.384, 320.287)

Conversions

Conversions Part 1

Format	Color
Hex	C67CDA
RGB	198, 124, 218
RGB Percent	78%, 49%, 85%
CMY	0.2226, 0.5128, 0.1441
CMYK	0.09, 0.43, 0.00, 0.14
HSL	287°, 56%, 67%
HSV	287°, 43%, 86%
XYZ	43.2773, 31.5869, 70.3143
YIQ	156.8420, 13.9300, 44.9220

Conversions

Conversions Part 2

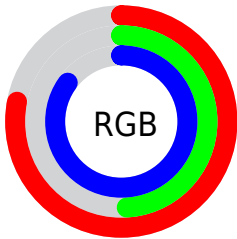
Format	Color
RYB	198, 124, 218
Decimal	13008090
CIELab	63.00, 44.14, -36.67
CIELCh	63, 57.384, 320.287
Yxy	31.5869, 0.2981, 0.2176
Android (android.graphics.Color)	4291198170 (0xFFC67CDA)
YUV	156.8420, 30.1509, 36.0956
Hunter-Lab	56.2022, 39.0960, -34.8358

Details

The CIELCh color $63, 57.384, 320.287$ is a light color, and the websafe version is hex `CC66CC`. A complement of this color would be $81, 56.267, 136.024$, 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 $43, 57.764, 320.117$ is the 20% darker color. If you saturate the color by 10%, you get $58, 69.967, 320.630$, and if you desaturate by 10%, it is $68, 44.176, 319.881$.

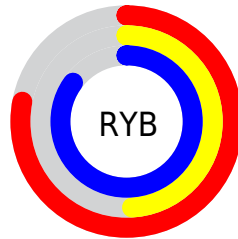
Distribution



Red (78%)

Green (49%)

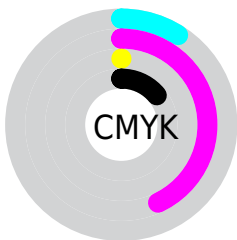
Blue (85%)



Red (78%)

Yellow (49%)

Blue (85%)

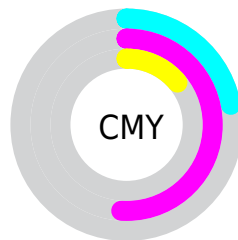


Cyan (9%)

Magenta (43%)

Yellow (0%)

Black (14%)



Cyan (22%)


Magenta (51%)


Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 57.384, 320.287 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, 57.384, 320.287 by changing the saturation by 10% instead.

 63, 57.384,
320.287


 63, 57.384,
320.287


 100, 57.384,
320.287


 53, 57.384,
320.287


 83, 57.384,
320.287

 43, 57.384,
320.287

 93, 57.384,
320.287

 33, 57.384,
320.287

 23, 57.384,
320.287

 13, 57.384,
320.287

 3, 57.384, 320.287

 0, 57.384, 320.287

63, 57.384,
320.287

63, 57.384,
320.287

58, 69.967,
320.630

68, 44.176,
319.881

54, 81.424,
320.872

74, 30.727,
319.443

50, 91.140,
320.967

79, 17.291,
318.991

47, 98.500,
320.866

85, 4.035, 318.510

45, 103.092,
320.529


91, 8.941, 138.165

44, 104.947,
320.180

97, 21.474,
137.722

97, 20.690,
133.828

98, 20.008,
129.601

 98, 19.443,
125.056

Harmonies

Complementary

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



63, 57.384, 320.287



81, 56.267, 136.024

Rectangle

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



63, 57.384, 320.287



63, 57.384, 10.287



63, 57.384, 140.287



63, 57.384, 190.287

Sweetspot

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



63, 57.382, 320.287



91, 19.503, 318.993



61, 41.589, 286.286



47, 13.672, 319.094



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, 57.382, 320.287



68, 77.845, 320.611



64, 49.449, 336.818



43, 7.512, 318.825



35, 88.352, 320.295



5, 33.457, 320.637

Inverse Universe

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



63, 39.019, 7.831



68, 53.841, 9.826



80, 49.022, 149.791



43, 4.817, 3.110



36, 68.866, 28.200



5, 23.754, 11.075

Previews

White Background



This preview shows how the CIELCh color 63, 57.384, 320.287 looks on a white background.

Color Contrast Check

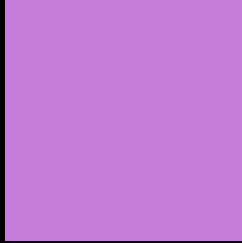
Large Text (above 18pt) WCAG AA × Fail

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, 57.384, 320.287 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

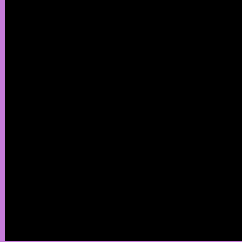
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 57.384, 320.287

Background



This preview shows how black text looks on a background with the CIELCh color 63, 57.384, 320.287.

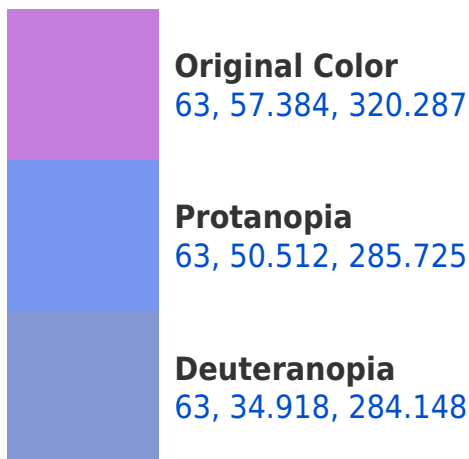


This preview shows how white text looks on a background with the CIELCh color 63, 57.384, 320.287.

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, 57.384, 320.287



Protanomaly
63, 51.062, 297.727



Deuteranomaly
63, 41.900, 301.035



Tritanomaly
63, 31.351, 336.161

Monochromacy



Original Color
63, 57.384, 320.287



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, 57.384, 320.287 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, 124, 218)` looks like.

```
.text, #text, p{  
    color:rgb(198, 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(198, 124, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 124, 218) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 57.384, 320.287 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, 124, 218) }
```

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

```
.border{ border-color:rgb(198, 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(198, 124, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 124, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 124, 218);  
box-shadow:4px 4px 4px 4px rgb(198, 124,  
218) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 57.384, 320.287 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 124, 218) }
```

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

```
.background{ background-color: rgb(198,  
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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