

Converting Colors

CIELCh(63, 54.416, 324.532)

Have a look what the booklet for
CIELCh(63, 54.416, 324.532)
contains.

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Color

CIELCh(63, 54.507, 324.563)

Conversions

Conversions Part 1

Format	Color
Hex	CB7BD1
RGB	203, 123, 209
RGB Percent	80%, 48%, 82%
CMY	0.2028, 0.5166, 0.1793
CMYK	0.03, 0.41, 0.00, 0.18
HSL	296°, 48%, 65%
HSV	296°, 41%, 82%
XYZ	43.3674, 31.5869, 64.3172
YIQ	156.7240, 20.0740, 43.7060

Conversions

Conversions Part 2

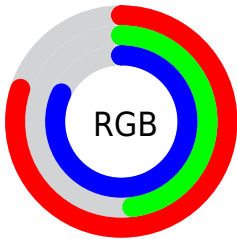
Format	Color
RYB	203, 123, 209
Decimal	13335505
CIELab	63.00, 44.41, -31.60
CIELCh	63, 54.507, 324.563
Yxy	31.5869, 0.3114, 0.2268
Android (android.graphics.Color)	4291525585 (0xFFFCB7BD1)
YUV	156.7240, 25.7721, 40.5841
Hunter-Lab	56.2022, 39.3823, -28.5092

Details

The CIELCh color $63, 54.507, 324.563$ is a light color, and the websafe version is hex `CC66CC`. A complement of this color would be $77, 54.315, 139.751$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 48.817, 326.112$, and $43, 54.501, 324.582$ is the 20% darker color. If you saturate the color by 10%, you get $59, 66.722, 324.972$, and if you desaturate by 10%, it is $68, 41.525, 324.102$.

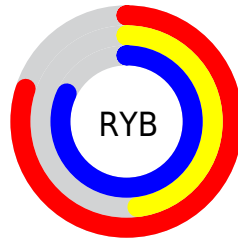
Distribution



Red (80%)

Green (48%)

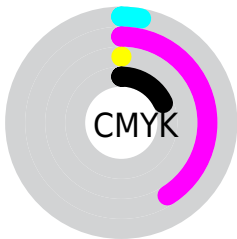
Blue (82%)



Red (80%)

Yellow (48%)

Blue (82%)

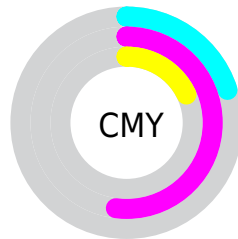


Cyan (3%)

Magenta (41%)

Yellow (0%)

Black (18%)



Cyan (20%)


Magenta (52%)


Yellow (18%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 54.507, 324.563 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, 54.507, 324.563 by changing the saturation by 10% instead.


 63, 54.507,
324.563

 63, 54.507,
324.563


 100, 54.507,
324.563


 53, 54.507,
324.563


 83, 54.507,
324.563

 43, 54.507,
324.563

 93, 54.507,
324.563

 33, 54.507,
324.563

 23, 54.507,
324.563

 13, 54.507,
324.563

 3, 54.507, 324.563

 0, 54.507, 324.563

63, 54.507,
324.563

63, 54.507,
324.563

59, 66.722,
324.972

68, 41.525,
324.102

55, 77.680,
325.305

73, 28.178,
323.610

52, 86.835,
325.536

78, 14.756,
323.099

50, 93.695,
325.644

83, 1.457, 322.443

48, 97.983,
325.614

89, 11.592,
142.146

47, 99.979,
325.489

94, 24.315,
141.663

96, 27.787,
140.932

96, 27.504,
140.070

■ 96, 27.226,
139.187

Harmonies

Complementary

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



63, 54.507, 324.563



77, 54.315, 139.751

Rectangle

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



63, 54.507, 324.563



63, 54.507, 14.563



63, 54.507, 144.563



63, 54.507, 194.563

Sweetspot

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



63, 54.505, 324.563



92, 18.740, 323.153



57, 44.943, 292.471



48, 12.440, 323.221



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, 54.505, 324.563



71, 75.337, 324.913



62, 41.942, 343.087



41, 7.530, 323.011



38, 85.001, 325.530



5, 30.533, 325.263

Inverse Universe

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



61, 35.889, 18.297



69, 51.263, 19.965



78, 40.750, 155.524



41, 4.472, 14.293



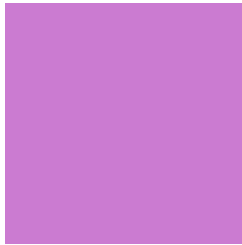
35, 73.645, 36.985



4, 20.032, 16.218

Previews

White Background



This preview shows how the CIELCh color 63, 54.507, 324.563 looks on a white background.

Color Contrast Check

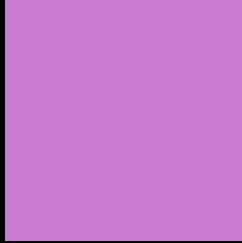
Large Text (above 18pt) WCAG AA × Fail

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, 54.507, 324.563 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

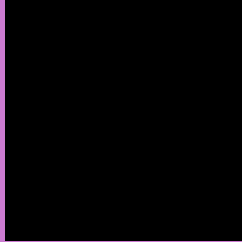
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 54.507, 324.563

Background



This preview shows how black text looks on a background with the CIELCh color 63, 54.507, 324.563.



This preview shows how white text looks on a background with the CIELCh color 63, 54.507, 324.563.

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



Original Color
63, 54.507, 324.563

Protanopia
63, 45.470, 285.834

Deuteranopia
63, 29.751, 285.824



Tritanopia
63, 23.857, 8.621

Trichromacy



Original Color
63, 54.507, 324.563



Protanomaly
62, 46.826, 299.892



Deuteranomaly
63, 37.257, 304.734



Tritanomaly
63, 32.492, 342.647

Monochromacy



Original Color
63, 54.507, 324.563



Achromatopsia
65, 0.008, 296.813



Achromatomaly
64, 20.437, 323.571

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 54.507, 324.563 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(203, 123, 209)` looks like.

```
.text, #text, p{  
    color:rgb(203, 123, 209)  
}
```

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(203, 123, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 123, 209) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 54.507, 324.563 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(203, 123, 209) }
```

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

```
.border{ border-color:rgb(203, 123, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 123, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(203, 123, 209); -webkit-box-shadow:4px 4px 4px 4px rgb(203, 123, 209); box-shadow:4px 4px 4px 4px rgb(203, 123, 209) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 54.507, 324.563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 123, 209) }
```

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

```
.background{ background-color: rgb(203,  
123, 209) }
```

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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