

Converting Colors

CIELCh(63, 47.370, 324.579)

Have a look what the booklet for
CIELCh(63, 47.370, 324.579)
contains.

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Color

CIELCh(63, 47.419, 324.421)

Conversions

Conversions Part 1

Format	Color
Hex	C580CA
RGB	197, 128, 202
RGB Percent	77%, 50%, 79%
CMY	0.2273, 0.4979, 0.2077
CMYK	0.02, 0.37, 0.00, 0.21
HSL	296°, 41%, 65%
HSV	296°, 37%, 79%
XYZ	41.4223, 31.5869, 59.8113
YIQ	157.0670, 17.3700, 37.6420

Conversions

Conversions Part 2

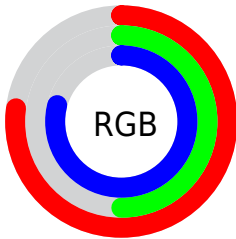
Format	Color
R_{YB}	197, 128, 202
Decimal	12943562
CIE _{Lab}	63.00, 38.57, -27.59
CIE _{LCh}	63, 47.419, 324.421
Yxy	31.5869, 0.3119, 0.2378
Android (android.graphics.Color)	4291133642 (0xFFC580CA)
YUV	157.0670, 22.1520, 35.0212
Hunter-Lab	56.2022, 33.2045, -23.7558

Details

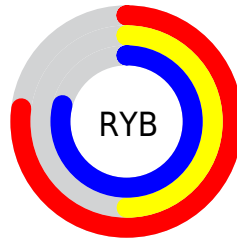
The CIELCh color $63, 47.419, 324.421$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $75, 47.242, 140.193$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 45.730, 326.007$, and $43, 47.480, 324.353$ is the 20% darker color. If you saturate the color by 10%, you get $59, 59.682, 324.857$, and if you desaturate by 10%, it is $68, 34.596, 323.944$.

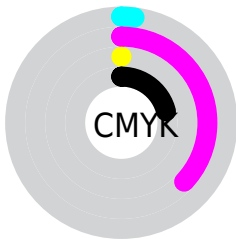
Distribution



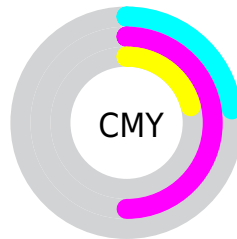
- Red (77%)
- Green (50%)
- Blue (79%)



- Red (77%)
- Yellow (50%)
- Blue (79%)



- Cyan (2%)
- Magenta (37%)
- Yellow (0%)
- Black (21%)





- Cyan (23%)
- Magenta (50%)
- Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 47.419, 324.421 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, 47.419, 324.421 by changing the saturation by 10% instead.


 63, 47.419,
324.421


 63, 47.419,
324.421


 100, 47.419,
324.421


 53, 47.419,
324.421


 83, 47.419,
324.421

 43, 47.419,
324.421

 93, 47.419,
324.421

 33, 47.419,
324.421

 23, 47.419,
324.421

 13, 47.419,
324.421

 3, 47.419, 324.421

 0, 47.419, 324.421

63, 47.419,
324.421

63, 47.419,
324.421

59, 59.682,
324.857

68, 34.596,
323.944

55, 70.954,
325.228

73, 21.558,
323.442

51, 80.716,
325.511

78, 8.542, 322.921

49, 88.456,
325.681

83, 4.293, 142.509

47, 93.790,
325.720

89, 16.847,
141.984


46, 96.663,
325.624

94, 29.065,
141.515

46, 97.356,
325.577

96, 32.281,
140.907

96, 32.014,
140.222

 96, 31.751,
139.524

Harmonies

Complementary

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



63, 47.419, 324.421



75, 47.242, 140.193

Rectangle

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



63, 47.419, 324.421



63, 47.419, 14.421



63, 47.419, 144.421



63, 47.419, 194.421

Sweetspot

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



63, 47.417, 324.421



93, 17.179, 323.161



58, 38.568, 291.620



49, 11.552, 323.232



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, 47.417, 324.421



74, 68.241, 324.773



62, 36.431, 342.596



40, 7.383, 323.069



37, 84.035, 325.614



5, 28.366, 324.900

Inverse Universe

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



61, 30.696, 17.694



72, 45.516, 19.085



76, 35.459, 156.064



40, 4.380, 14.461



34, 72.860, 37.029



4, 17.955, 16.077

Previews

White Background



This preview shows how the CIELCh color 63, 47.419, 324.421 looks on a white background.

Color Contrast Check

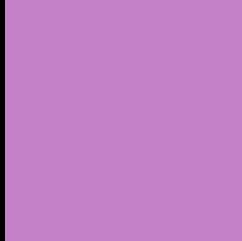
Large Text (above 18pt) WCAG AA × Fail

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, 47.419, 324.421 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

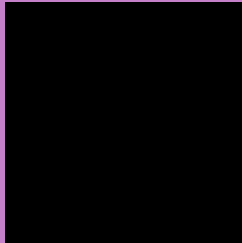
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 47.419, 324.421

Background



This preview shows how black text looks on a background with the CIELCh color 63, 47.419, 324.421.

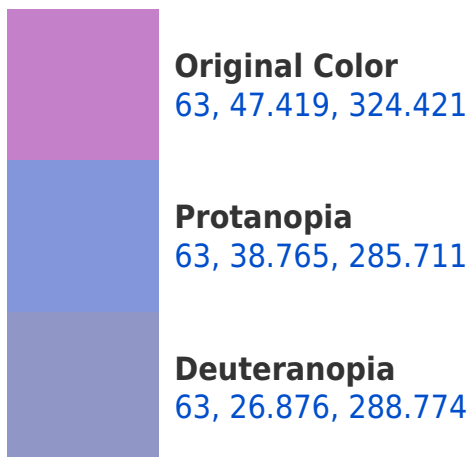


This preview shows how white text looks on a background with the CIELCh color 63, 47.419, 324.421.

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, 21.135, 4.944

Trichromacy



Original Color
63, 47.419, 324.421



Protanomaly
63, 40.144, 300.278



Deuteranomaly
63, 32.893, 306.038



Tritanomaly
63, 28.889, 341.779

Monochromacy



Original Color
63, 47.419, 324.421



Achromatopsia
65, 0.008, 296.813



Achromatomaly
64, 17.987, 324.244

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 47.419, 324.421 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(197, 128, 202)` looks like.

```
.text, #text, p{  
    color:rgb(197, 128, 202)  
}
```

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(197, 128, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 128, 202) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 47.419, 324.421 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(197, 128, 202) }
```

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

```
.border{ border-color:rgb(197, 128, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 128, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 128, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 128, 202);  
box-shadow:4px 4px 4px 4px rgb(197, 128,  
202) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 47.419, 324.421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 128, 202) }
```

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

```
.background{ background-color: rgb(197,  
128, 202) }
```

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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