

Converting Colors

CIELCh(63, 43.506, 329.910)

Have a look what the booklet for
CIELCh(63, 43.506, 329.910)
contains.

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Color

CIELCh(63, 43.614, 329.724)

Conversions

Conversions Part 1

Format	Color
Hex	C880C0
RGB	200, 128, 192
RGB Percent	78%, 50%, 75%
CMY	0.2151, 0.4975, 0.2465
CMYK	0.00, 0.36, 0.04, 0.22
HSL	307°, 40%, 64%
HSV	307°, 36%, 78%
XYZ	41.1276, 31.5869, 53.8832
YIQ	156.8240, 22.3680, 35.1680

Conversions

Conversions Part 2

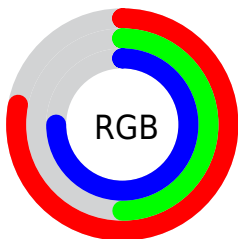
Format	Color
R_{YB}	200, 128, 192
Decimal	13140160
CIE _{Lab}	63.00, 37.67, -21.99
CIE _{LCh}	63, 43.614, 329.724
Yxy	31.5869, 0.3249, 0.2495
Android (android.graphics.Color)	4291330240 (0xFFC880C0)
YUV	156.8240, 17.3418, 37.8654
Hunter-Lab	56.2022, 32.2684, -17.5020

Details

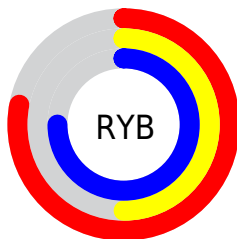
The CIELCh color $63, 43.614, 329.724$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $75, 43.604, 144.877$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 43.262, 328.395$, and $43, 43.400, 330.022$ is the 20% darker color. If you saturate the color by 10%, you get $59, 55.009, 330.313$, and if you desaturate by 10%, it is $68, 31.641, 329.127$.

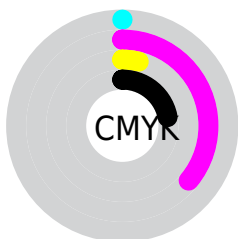
Distribution



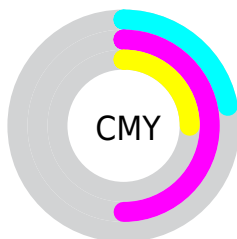
- Red (78%)
- Green (50%)
- Blue (75%)



- Red (78%)
- Yellow (50%)
- Blue (75%)



- Cyan (0%)
- Magenta (36%)
- Yellow (4%)
- Black (22%)



- Cyan (22%)
- Magenta (50%)
- Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 43.614, 329.724 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, 43.614, 329.724 by changing the saturation by 10% instead.


 63, 43.614,
329.724


 63, 43.614,
329.724

 100, 43.614,
329.724


 53, 43.614,
329.724


 83, 43.614,
329.724

 43, 43.614,
329.724

 93, 43.614,
329.724

 33, 43.614,
329.724

 23, 43.614,
329.724

 13, 43.614,
329.724

 3, 43.614, 329.724

 0, 43.614, 329.724

63, 43.614,
329.724

63, 43.614,
329.724

59, 55.009,
330.313

68, 31.641,
329.127

55, 65.399,
330.887

72, 19.434,
328.528

52, 74.278,
331.442

78, 7.231, 327.919

49, 81.152,
331.978

83, 4.808, 147.447

48, 85.662,
332.503

88, 16.583,
146.854

47, 87.748,
333.034

93, 28.040,
146.319

46, 88.218,
333.249

95, 31.232,
146.969

95, 30.331,
148.271

■ 95, 29.443,
149.647

Harmonies

Complementary

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



63, 43.614, 329.724



75, 43.604, 144.877

Rectangle

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



63, 43.614, 329.724



63, 43.614, 19.724



63, 43.614, 149.724



63, 43.614, 199.724

Sweetspot

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



63, 43.612, 329.724



93, 16.250, 328.239



57, 41.257, 297.920



49, 10.926, 328.322



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, 43.612, 329.724



75, 62.872, 330.175



62, 32.031, 353.295



39, 6.840, 328.131



38, 75.912, 333.167



4, 24.288, 331.022

Inverse Universe

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



63, 43.612, 329.724



75, 62.872, 330.175



75, 29.844, 165.807



39, 6.840, 328.131



38, 75.912, 333.167



4, 24.288, 331.022

Previews

White Background



This preview shows how the CIELCh color 63, 43.614, 329.724 looks on a white background.

Color Contrast Check

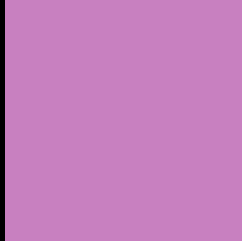
Large Text (above 18pt) WCAG AA × Fail

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, 43.614, 329.724 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

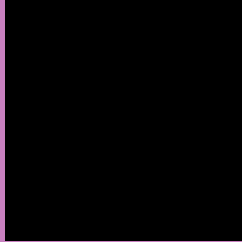
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 43.614, 329.724

Background



This preview shows how black text looks on a background with the CIELCh color 63, 43.614, 329.724.

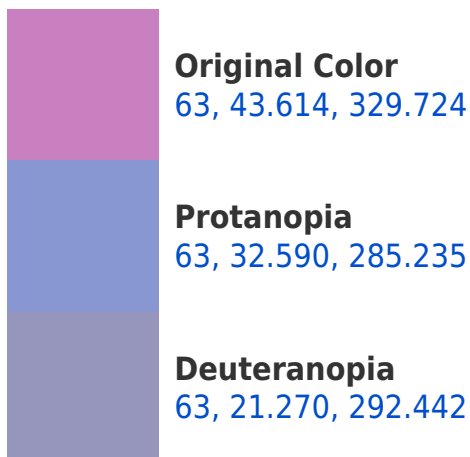



This preview shows how white text looks on a background with the CIELCh color 63, 43.614, 329.724.

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, 23.536, 7.008

Trichromacy



Original Color
63, 43.614, 329.724



Protanomaly
63, 34.188, 302.676



Deuteranomaly
63, 28.547, 311.656



Tritanomaly
63, 28.910, 347.542

Monochromacy



Original Color
63, 43.614, 329.724



Achromatopsia
65, 0.008, 296.813



Achromatomaly
64, 16.180, 328.595

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 43.614, 329.724 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(200, 128, 192)` looks like.

```
.text, #text, p{  
    color:rgb(200, 128, 192)  
}
```

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(200, 128, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 128, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 43.614, 329.724 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(200, 128, 192) }
```

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

```
.border{ border-color:rgb(200, 128, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 128, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 128, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 128, 192);  
box-shadow:4px 4px 4px 4px rgb(200, 128,  
192) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 43.614, 329.724 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 128, 192) }
```

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

```
.background{ background-color: rgb(200,  
128, 192) }
```

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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