

Converting Colors

CIELCh(63, 30.690, 323.900)

Have a look what the booklet for
CIELCh(63, 30.690, 323.900)
contains.

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Color

CIELCh(63, 30.758, 323.984)

Conversions

Conversions Part 1

Format	Color
Hex	B68AB9
RGB	182, 138, 185
RGB Percent	71%, 54%, 73%
CMY	0.2866, 0.4591, 0.2748
CMYK	0.02, 0.25, 0.00, 0.27
HSL	296°, 25%, 63%
HSV	296°, 25%, 73%
XYZ	37.0954, 31.5869, 49.9929
YIQ	156.5140, 11.1370, 23.9450

Conversions

Conversions Part 2

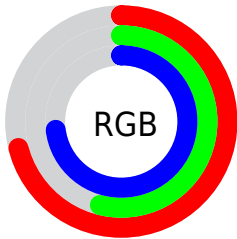
Format	Color
RYB	182, 138, 185
Decimal	11963065
CIELab	63.00, 24.88, -18.09
CIELCh	63, 30.758, 323.984
Yxy	31.5869, 0.3126, 0.2662
Android (android.graphics.Color)	4290153145 (0xFFB68AB9)
YUV	156.5140, 14.0436, 22.3512
Hunter-Lab	56.2022, 19.4620, -13.3979

Details

The CIELCh color $63, 30.758, 323.984$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $71, 30.651, 141.182$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 30.517, 323.823$, and $43, 31.089, 323.620$ is the 20% darker color. If you saturate the color by 10%, you get $59, 42.737, 324.465$, and if you desaturate by 10%, it is $68, 18.605, 323.481$.

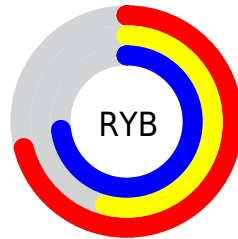
Distribution



Red (71%)

Green (54%)

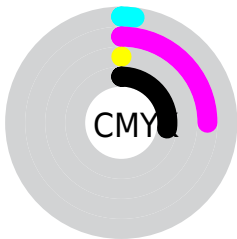
Blue (73%)



Red (71%)

Yellow (54%)

Blue (73%)

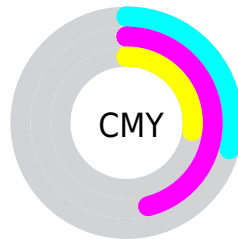


Cyan (2%)

Magenta (25%)

Yellow (0%)

Black (27%)



Cyan (29%)


Magenta (46%)


Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 30.758, 323.984 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, 30.758, 323.984 by changing the saturation by 10% instead.


 63, 30.758,
323.984


 63, 30.758,
323.984


 100, 30.758,
323.984


 53, 30.758,
323.984


 83, 30.758,
323.984

 43, 30.758,
323.984

 93, 30.758,
323.984

 33, 30.758,
323.984

 23, 30.758,
323.984

 13, 30.758,
323.984

 3, 30.758, 323.984

 0, 30.758, 323.984

63, 30.758,
323.984

63, 30.758,
323.984

59, 42.737,
324.465

68, 18.605,
323.481

54, 54.251,
324.908

72, 6.495, 322.956

77, 5.434, 142.538

51, 64.904,
325.291

82, 17.096,
142.029

48, 74.232,
325.590

87, 28.443,
141.564

45, 81.756,
325.784

93, 39.451,
141.126

43, 87.097,
325.852

94, 42.870,
140.705

42, 90.132,
325.788

94, 42.638,
140.276

42, 91.106,

325.736

 94, 42.409,
139.840

Harmonies

Complementary

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



63, 30.758, 323.984



71, 30.651, 141.182

Rectangle

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



63, 30.758, 323.984



63, 30.758, 13.984



63, 30.758, 143.984



63, 30.758, 193.984

Sweetspot

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



63, 30.756, 323.984



90, 11.872, 323.104



60, 24.810, 290.471



47, 8.441, 323.183



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



63, 30.756, 323.984



77, 44.800, 324.232



63, 23.270, 342.328



36, 6.775, 323.167



35, 80.174, 325.768



3, 18.236, 322.032

Inverse Universe

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



62, 19.129, 16.408



76, 28.343, 17.054



71, 22.761, 158.060



36, 4.012, 14.749



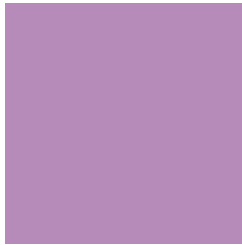
32, 69.489, 36.977



2, 10.672, 15.525

Previews

White Background



This preview shows how the CIELCh color 63, 30.758, 323.984 looks on a white background.

Color Contrast Check

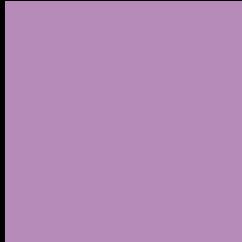
Large Text (above 18pt) WCAG AA × Fail

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, 30.758, 323.984 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

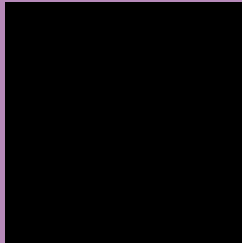
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 30.758, 323.984

Background



This preview shows how black text looks on a background with the CIELCh color 63, 30.758, 323.984.

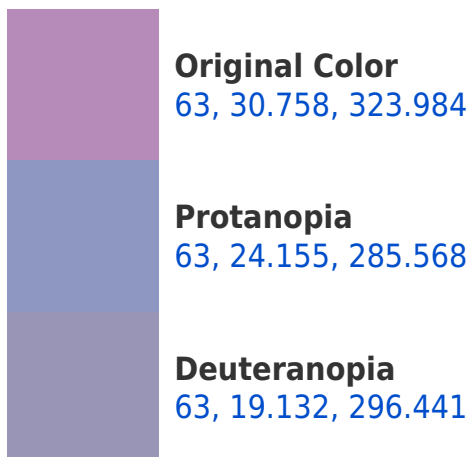


This preview shows how white text looks on a background with the CIELCh color 63, 30.758, 323.984.

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, 14.632, 356.224

Trichromacy



Original Color
63, 30.758, 323.984

Protanomaly
63, 25.600, 301.394

Deuteranomaly
63, 22.990, 309.619

Tritanomaly
63, 19.442, 337.949

Monochromacy



Original Color
63, 30.758, 323.984

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 11.775, 321.891

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 30.758, 323.984 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(182, 138, 185)` looks like.

```
.text, #text, p{  
    color:rgb(182, 138, 185)  
}
```

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(182, 138, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 138, 185) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 30.758, 323.984 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(182, 138, 185) }
```

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

```
.border{ border-color:rgb(182, 138, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 138, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 138, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 138, 185);  
box-shadow:4px 4px 4px 4px rgb(182, 138,  
185) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 30.758, 323.984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 138, 185) }
```

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

```
.background{ background-color: rgb(182,  
138, 185) }
```

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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