

Converting Colors

CIELCh(63, 36.310, 315.430)

Have a look what the booklet for
CIELCh(63, 36.310, 315.430)
contains.

CIELCh(63, 36.310, 315.430)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(63, 36.310, 315.430)

Conversions

Conversions Part 1

Format	Color
Hex	B18AC6
RGB	177, 138, 198
RGB Percent	69%, 54%, 78%
CMY	0.3060, 0.4589, 0.2237
CMYK	0.11, 0.30, 0.00, 0.22
HSL	279°, 34%, 66%
HSV	279°, 30%, 78%
XYZ	37.3972, 31.5869, 57.5318
YIQ	156.5010, 3.9840, 26.9280

Conversions

Conversions Part 2

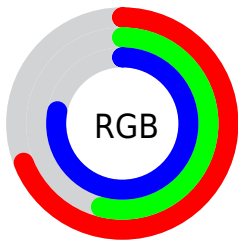
Format	Color
R_{YB}	177, 138, 198
Decimal	11635398
CIE _{Lab}	63.00, 25.87, -25.48
CIE _{LCh}	63, 36.310, 315.430
Yxy	31.5869, 0.2956, 0.2497
Android (android.graphics.Color)	4289825478 (0xFFB18AC6)
YUV	156.5010, 20.4590, 17.9776
Hunter-Lab	56.2022, 20.4206, -21.3510

Details

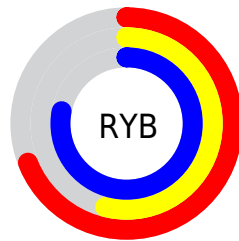
The CIELCh color $63, 36.310, 315.430$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $76, 35.330, 132.731$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 36.215, 315.222$, and $43, 36.037, 315.537$ is the 20% darker color. If you saturate the color by 10%, you get $58, 48.505, 315.865$, and if you desaturate by 10%, it is $68, 24.127, 314.984$.

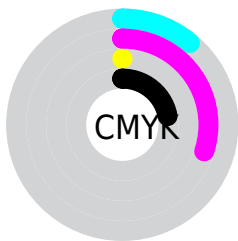
Distribution



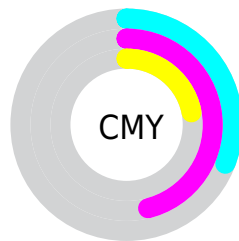
- Red (69%)
- Green (54%)
- Blue (78%)



- Red (69%)
- Yellow (54%)
- Blue (78%)



- Cyan (11%)
- Magenta (30%)
- Yellow (0%)
- Black (22%)





- Cyan (31%)
- Magenta (46%)
- Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 36.310, 315.430 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, 36.310, 315.430 by changing the saturation by 10% instead.


 63, 36.310,
315.430


 63, 36.310,
315.430


 100, 36.310,
315.430


 53, 36.310,
315.430


 83, 36.310,
315.430

 43, 36.310,
315.430

 93, 36.310,
315.430

 33, 36.310,
315.430

 23, 36.310,
315.430

 13, 36.310,
315.430

 3, 36.310, 315.430

 0, 36.310, 315.430

63, 36.310,
315.430

63, 36.310,
315.430

58, 48.505,
315.865

68, 24.127,
314.984

53, 60.469,
316.259

74, 12.116,
314.542

48, 71.817,
316.571

80, 0.364, 313.691

44, 82.020,
316.742

85, 11.083,
133.773

40, 90.424,
316.700

91, 22.203,
133.413

37, 96.399,
316.369

96, 31.954,
132.770

35, 99.956,
315.785

97, 30.927,
128.663

97, 30.070,
124.225

■ 98, 29.409,
119.489

Harmonies

Complementary

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



63, 36.310, 315.430



76, 35.330, 132.731

Rectangle

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



63, 36.310, 315.430



63, 36.310, 5.430



63, 36.310, 135.430



63, 36.310, 185.430

Sweetspot

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



63, 36.308, 315.430



94, 12.978, 314.491



65, 22.052, 273.113



49, 9.033, 314.556



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, 36.308, 315.430



76, 53.148, 315.704



65, 35.991, 330.115



39, 6.685, 314.502



29, 86.527, 315.930



3, 23.173, 311.814

Inverse Universe

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



64, 26.029, 355.838



77, 38.172, 356.721



75, 35.927, 146.090



39, 4.740, 353.404



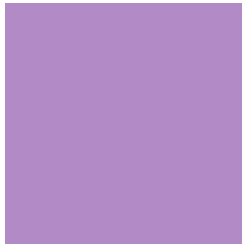
34, 61.399, 15.904



4, 16.752, 1.643

Previews

White Background



This preview shows how the CIELCh color 63, 36.310, 315.430 looks on a white background.

Color Contrast Check

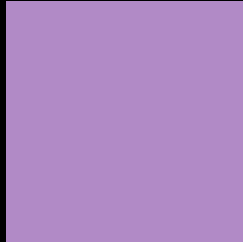
Large Text (above 18pt) WCAG AA × Fail

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, 36.310, 315.430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

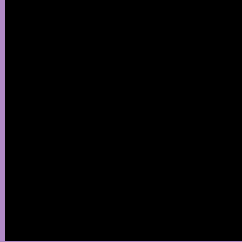
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 36.310, 315.430

Background



This preview shows how black text looks on a background with the CIELCh color 63, 36.310, 315.430.

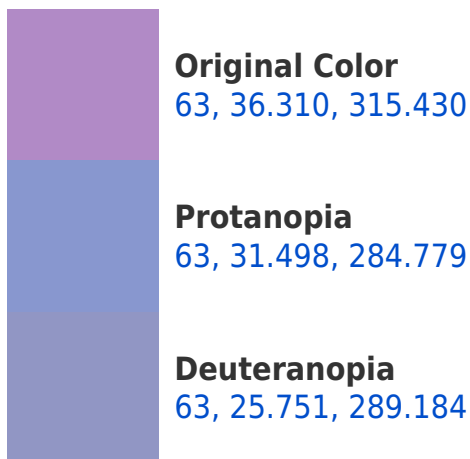


This preview shows how white text looks on a background with the CIELCh color 63, 36.310, 315.430.

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, 11.481, 348.288

Trichromacy



Original Color
63, 36.310, 315.430

Protanomaly
63, 32.593, 296.486

Deuteranomaly
63, 28.903, 300.608

Tritanomaly
63, 19.769, 326.282

Monochromacy



Original Color
63, 36.310, 315.430

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 13.567, 315.675

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 36.310, 315.430 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(177, 138, 198)` looks like.

```
.text, #text, p{  
    color:rgb(177, 138, 198)  
}
```

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(177, 138, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 138, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 36.310, 315.430 is called "border". The border property can be set on classes, ids or directly on the HTML element.

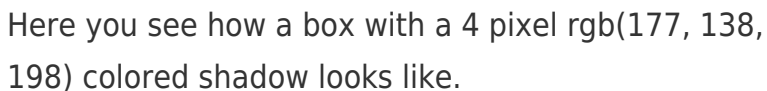
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(177, 138, 198) }
```

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

```
.border{ border-color:rgb(177, 138, 198) }
```

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



Here you see how a box with a 4 pixel `rgb(177, 138, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 138, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 138, 198);  
box-shadow:4px 4px 4px 4px rgb(177, 138,  
198) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 36.310, 315.430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 138, 198) }
```

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

```
.background{ background-color: rgb(177,  
138, 198) }
```

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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